Separate Interim Financial Statements

(Unaudited)

June 30, 2018 and 2017

(With Independent Auditors' Review Report Thereon)

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Independent Auditors' Review Report

Based on a report originally issued in Korean

The Board of Directors and Shareholders Ssangyong Motor Company

We have reviewed the accompanying separate interim financial statements of Ssangyong Motor Company, which comprise the separate interim statement of financial position as of June 30, 2018, the separate interim statements of comprehensive loss for the three-month and six-month periods ended June 30, 2018 and 2017, the separate interim statements of changes in equity and cash flows for the six-month periods ended June 30, 2018 and 2017 and notes, comprising a summary of significant accounting policies and other explanatory information.

Management's responsibility

Management is responsible for the preparation and fair presentation of these separate interim financial statements in accordance with Korean International Financial Reporting Standards ("K-IFRS") No.1034 *Interim Financial Reporting*, and for such internal control as management determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditors' review responsibility

Our responsibility is to issue a report on these separate interim financial statements based on our review.

We conducted our review in accordance with the Review Standards for Quarterly and Semiannual Financial Statements established by the Securities and Futures Commission of the Republic of Korea. A review of interim financial information consists of making inquiries, primarily of persons responsible for financial and accounting matters, and applying analytical and other review procedures. A review is substantially less in scope than an audit conducted in accordance with Korean Standards on Auditing and consequently does not enable us to obtain assurance that we would become aware of all significant matters that might be identified in an audit. Accordingly, we do not express an audit opinion.

Conclusion

Based on our review, nothing has come to our attention that causes us to believe that the accompanying separate interim financial statements referred to above are not prepared, in all material respects, in accordance with K-IFRS No.1034 *Interim Financial Reporting*.

Other matters

The separate statement of financial position of the Company as of December 31, 2017, and the related separate statements of comprehensive loss, changes in equity and cash flows for the year then ended, which are not this report, were audited by us, whose report thereon dated March 16, 2018, expressed an unqualified opinion. The statement of financial position of the company as of December 31, 2017, presented for comparative purposes, is not different from the audited separate statements in all material respects.

The procedures and practices utilized in the Republic of Korea to review such separate interim financial statements may differ from those generally accepted and applied in other countries.

The accompanying separate interim financial statements as of and for the six-month periods ended June 30, 2018 have been translated into Indian Rupee solely for the convenience of the reader and such translation does not comply with K-IFRS. We have reviewed the translation and nothing came to our attention that cause us to believe that the separate interim financial statements expressed in Korean won have not been translated into Indian Rupee on the basis set forth in note 2.(1) to the separate interim financial statements.

KPMG Samjong Accounting Corp.

Seoul, Korea August 7, 2018

This report is effective as of August 7, 2018, the review report date. Certain subsequent events or circumstances, which may occur between the review report date and the time of reading this report, could have a material impact on the separate interim financial statements and notes thereto. Accordingly, the readers of the review report should understand that the above review report has not been updated to reflect the impact of such subsequent events or circumstances, if any.

Separate Interim Statements of Financial Position (Unaudited)

As of June 30, 2018 and December 31, 2017

(In thousands of won and in thousands of rupee)

(In thousands of won and in thousands o	ot rupee)					
		Korea	an won		Indian r	upee
	Note	2018	2017		2018	2017
Assets						
Cash and cash equivalents	4,5,33	₩ 100,740,104	212,521,514	Rs	6,191,770	13,062,170
Trade and other receivables, net	7,32,33	187,159,755	211,750,192		11,503,365	13,014,763
Derivative assets	25,33	1,471,546	-		90,445	-
Inventories, net	8,24	208,448,508	223,537,426		12,811,832	13,739,239
Other current assets	10	12,869,131	7,497,721		790,974	460,832
Total current assets		510,689,044	655,306,853		31,388,386	40,277,004
Non-current financial instruments	5,33	4,000			246	246
Non-current other receivables, net	7,32,33	35,329,362	39,637,401		2,171,442	2,436,226
Available-for-sale financial assets	6,33	560,000	560,000		34,419	34,419
Property, plant and equipment, net	11,13	1,218,323,246	1,239,668,891		74,881,576	76,193,540
Intangible assets, net	11,12	314,252,665	303,268,722		19,314,853	18,639,748
Investments in subsidiaries	9	1,056,486	1,056,486		64,935	64,935
Investments in joint venture	9	10,200,000	10,200,000		626,921	626,921
Other non-current assets	10	273,261	273,283		16,796	16,797
Total non-current assets		1,579,999,020	1,594,668,783		97,111,188	98,012,832
Total assets	2	₩ 2,090,688,064	2,249,975,636	Rs_	128,499,574	138,289,836

Separate Interim Statements of Financial Position, Continued (Unaudited)

As of June 30, 2018 and December 31, 2017

(In thousands of won and in thousands of rupee)

(In thousands of won and in thousand	s of rupee)						
		_	Korea	n won		Indian	rupee
	Note		2018	2017		2018	2017
Liabilities							
Trade and other payables	14,18,32,33	₩	638,540,384	752,417,705	Rs	39,246,489	46,245,710
Short-term borrowings	13,18,30,33	vv	153,677,857	163,840,987	113	9,445,474	10,070,128
Derivative liabilities	25,33		340,511	409,259		20,929	25,154
Provision of warranty for sale	20,00		540,511	400,200		20,020	20,104
- current	15		47,622,669	53,046,748		2,927,023	3,260,402
Other long-term employee	15		47,022,000	55,040,740		2,527,025	3,200,402
benefits liabilities-current			150,311	1,190,438		9,239	73,168
Other current liabilities	16		36,708,776	35,145,612		2,256,225	2,160,149
Total current liabilities	10	-	877,040,508	1,006,050,749		53,905,379	61,834,711
Total current habilities		-	077,040,500	1,000,030,743		55,305,573	01,034,711
Long-term borrowings	13,18,30,33		70,000,000	70,000,000		4,302,397	4,302,397
Non-current other payables	33		2,499,820	3,374,007		153,645	207,376
Other long-term liabilities	16		5,975,755	- 0,074,007		367,287	207,070
Defined benefit liabilities	17		294,592,260	284,563,123		18,106,470	17,490,051
Other long-term employee	17		204,002,200	204,000,120		10,100,470	17,400,001
benefits liabilities			15,801,051	15,138,490		971,177	930,454
Non-current provision of			10,001,001	10,100,100		0,1,1,	000,101
warranty for sale	15		87,765,455	93,192,809		5,394,312	5,727,892
Total non-current liabilities		-	476,634,341	466,268,429		29,295,288	28,658,170
		-	1,0,00 1,0 11	100,200,120		20,200,200	
Total liabilities		₩	1.353.674.849	1,472,319,178	Rs	83,200,667	90,492,881
		-		<u> </u>		· · ·	, <u>, , ,</u>
Equity							
Capital stock	19		689,746,980	689,746,980		42,393,791	42,393,791
Other capital surplus	20		87,909,478	133,141,920		5,403,164	8,183,277
Other equity	21		156,970	-		9,648	-
Accumulated deficit	22		(40,800,213)	(45,232,442)		(2,507,696)	(2,780,113)
Total equity		₩	737,013,215	777,656,458	Rs	45,298,907	47,796,955
		-					
Total liabilities and equity		₩	2,090,688,064	2,249,975,636	Rs	128,499,574	138,289,836
		-			-		

Separate Interim Statements of Comprehensive Loss (Unaudited)

For the three-month and six-month periods ended June 30, 2018 and 2017

(In thousands of won, except earnings per share information)

			20 1	18	20 ⁷	17
	Note		Three-month period	Six-month period	Three-month period	Six-month period
Sales	31,32	₩	939,869,728	1,746,657,311 ₩	901,512,957	1,688,686,762
Cost of sales	24,32		820,293,465	1,537,835,938	755,022,367	1,427,580,701
Gross profit			119,576,263	208,821,373	146,490,590	261,106,061
Selling, general and						
administrative expenses	24,26		127,572,768	247,938,694	152,913,223	283,537,315
Operating loss			(7,996,505)	(39, 117, 321)	(6,422,633)	(22,431,254)
Other income	27,32		2,247,211	5,628,917	9,372,344	17,430,134
Other expenses	27,32		2,782,127	4,810,579	5,422,113	15,217,993
Finance income	25,28		4,505,583	7,681,424	3,965,385	13,728,004
Finance costs	25,28		2,600,938	10,176,106	5,942,660	12,802,923
Loss before income taxes			(6,626,776)	(40,793,665)	(4,449,677)	(19,294,032)
Income tax expenses	23		-	-	-	-
Loss for the period			(6,626,776)	(40,793,665)	(4,449,677)	(19,294,032)
Other comprehensive income (loss) for the period Items that will never be reclass Defined benefit plan	21,22 sified to		(616,897) fit or loss:	150,422	(6,684,774)	3,169,604
re-measurements	17		(3,307)	(6,548)	(2,904)	(5,716)
Items that are or may be reclas Effective portion of changes in	sified s	ubs	equently to prof	it or loss:		
fair value of cash flow hedge	21,25		(613,590)	156,970	(6,681,870)	3,175,320
Total comprehensive loss for the period		₩	(7,243,673)	(40,643,243) ₩	(11,134,451)	(16,124,428)
Losses per share Basic and diluted losses per share	29	₩	(48)	(296) ₩	(32)	(140)

Separate Interim Statements of Comprehensive Loss, Continued (Unaudited)

For the three-month and six-month periods ended June 30, 2018 and 2017

(In thousands of rupee, except earnings per share information)

		monne	2018	8	201	7
	Note	_	Three-month period	Six-month period	Three-month period	Six-month period
Sales	31,32	Rs	57,767,039	107,354,475 Rs	55,409,524	103,791,443
Cost of sales	24,32		50,417,545	94,519,726	46,405,800	87,743,129
Gross profit			7,349,494	12,834,749	9,003,724	16,048,314
Selling, general and						
administrative expenses	24,26		7,840,981	15,239,010	9,398,477	17,427,002
Operating loss			(491,487)	(2,404,261)	(394,753)	(1,378,688)
Other income	27,32		138,119	345,970	576,050	1,071,305
Other expenses	27,32		170,997	295,672	333,258	935,341
Finance income	25,28		276,926	472,122	243,724	843,762
Finance costs	25,28		159,861	625,452	365,253	786,904
Loss before income taxes			(407,300)	(2,507,293)	(273,490)	(1,185,866)
Income tax expenses	23		-	-	-	-
Loss for the period			(407,300)	(2,507,293)	(273,490)	(1,185,866)
Other comprehensive income (loss) for the period Items that will never be reclass Defined benefit plan	21,22 sified to	prof	(37,916) it or loss :	9,246	(410,865)	194,813
re-measurements	17		(203)	(403)	(178)	(351)
Items that are or may be reclas Effective portion of changes in	sified s	ubse	quently to profit	t or loss:		
fair value of cash flow hedge	21,25		(37,713)	9,648	(410,687)	195,164
Total comprehensive loss for the period		Rs	(445,216)	(2,498,048) Rs	(684,355)	(991,053)
Losses per share Basic and diluted losses per share	29	Rs	(3)	(18) Rs	(2)	(9)

SSANGYONG MOTOR COMPANY Separate Interim Statements of Changes in Equity (Unaudited)

For the six-month periods ended June 30, 2018 and 2017

(In thousands of won)					Korea	n won			
	-			Other capit	al surplus				
	_	Capital stock	Paid-in capital in excess of par value	Gain on capital reduction	Debt to be swapped for equity	Gain on disposal of treasury stock	Other equity	Accumulated deficit	Total
Balance at January 1, 2017	₩	686,100,480	11,452,713	118,189,001	931,508	1,105,138	(2,574,700)	4,965,820	820,169,960
Total comprehensive income(loss) for the period: Loss for the period Defined benefit plan re-measurements Effective portion of changes in fair value of cash flow hedge		-	- - -	-	-	- -	- - 3,175,320	(19,294,032) (5,716) -	(19,294,032) (5,716) 3,175,320
Transactions with owners of the Parent Company, recognized directly in equity: Issue of ordinary shares		3,646,500	1,463,560						5,110,060
Issue of ordinary shares	-	3,040,500	1,403,500						5,110,000
Balance at June 30, 2017	₩	689,746,980	12,916,273	118,189,001	931,508	1,105,138	600,620	(14,333,928)	809,155,592
Balance at January 1, 2018	₩	689,746,980	12,916,273	118,189,001	931,508	1,105,138	-	(45,232,442)	777,656,458
Total comprehensive income(loss) for the period: Loss for the period Defined benefit plan re-measurements Effective portion of changes in fair value of cash flow hedge		- -	- - -	- -	- -	- -	- - 156,970	(40,793,665) (6,548) -	(40,793,665) (6,548) 156,970
Transactions with owners of the Parent Company, recognized directly in equity: Disposition of deficit	-		<u> </u>	(44,127,304)		(1,105,138)	<u> </u>	45,232,442	
Balance at June 30, 2018	₩	689,746,980	12,916,273	74,061,697	931,508	-	156,970	(40,800,213)	737,013,215

SSANGYONG MOTOR COMPANY Separate Interim Statements of Changes in Equity, Continued (Unaudited)

For the six-month periods ended June 30, 2018 and 2017

(In thousands of rupee)					India	in rupee			
				Other capi	tal surplus				
		Capital stock	Paid-in capital in excess of par value	Gain on capital reduction	Debt to be swapped for equity	Gain on disposal of treasury stock	Other equity	Accumulated deficit	Total
Balance at January 1, 2017	Rs	42,169,667	703,916	7,264,229	57,252	67,925	(158,248)	305,213	50,409,954
Total comprehensive income(loss) for the period: Loss for the period Defined benefit plan re-measurements Effective portion of changes in fair value of cash flow hedge		- - -	- -	- - -	- -	- - -	- - 195,164	(1,185,866) (351) -	(1,185,866) (351) 195,164
Transactions with owners of the Parent Company, recognized directly in equity: Issue of ordinary shares		224,124	89,955						314,079
Balance at June 30, 2017	Rs	42,393,791	793,871	7,264,229	57,252	67,925	36,916	(881,004)	49,732,980
Balance at January 1, 2018	Rs	42,393,791	793,871	7,264,229	57,252	67,925	-	(2,780,113)	47,796,955
Total comprehensive income(loss) for the period: Loss for the period Defined benefit plan re-measurements Effective portion of changes in fair value of cash flow hedge		-	-	-	-	-	- - 9,648	(2,507,293) (403) -	(2,507,293) (403) 9,648
Transactions with owners of the Parent Company, recognized directly in equity: Disposition of deficit			<u> </u>	(2,712,188)	<u>-</u>	(67,925)		2,780,113	- <u>-</u>
Balance at June 30, 2018	Rs	42,393,791	793,871	4,552,041	57,252		9,648	(2,507,696)	45,298,907

SSANGYONG MOTOR COMPANY Separate Interim Statements of Cash Flows (Unaudited)

For the six-months periods ended June 30, 2018 and 2017

(In thousands of won and in thousands of rupee)

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Cash flows from operating activities Loss for the period W $(40,793,665)$ $(19,294,032)$ Rs $(2,507,293)$ $(1,185,866)$ Adjustment140,594,070139,732,1838,641,3078,588,334Changes in assets and liabilities $(83,441,934)$ $(31,374,735)$ $(5,128,576)$ $(1,928,380)$ Cash generated from operations (note 30)16,358,47189,063,4161,005,438 $5,474,088$ Interest received1,102,2861,382,777 $67,750$ $84,989$ Interest received11,000 $6,000$ 676 369 Net cash provided by operating activities15,138,110 $88,874,162$ $930,431$ $5,462,456$ Cash flows from investing activities $15,138,110$ $88,874,162$ $930,431$ $5,462,456$ Proceed from disposal of property, plant and equipment $258,729$ $49,921$ $15,902$ $3,068$ Proceed from disposal of intangible assets $-763,636$ $-46,935$ Cash flows from ther investing activities $(33,7022)$ $(2,32,319)$ $(2,714)$ $(143,349)$ Net cash used in investing activities $(33,7022)$ $(2,323,319)$ $(20,714)$ $(143,349)$ Net cash used in investing activities $-5,110,060$ $-314,079$ Cash flows from financing activities $(12,401,643)$ $(2,290,649)$ $(762,240)$ $(17,8,774)$ Net cash used in investing activities $(11,781,410)$ $(53,774,240)$ $(6,870,400)$ $(3,305,116)$ Net cash provided by (used in) financing activities $(111,781,410)$ $(53,774,240)$			Korea	n won	Indian	rupee
Loss for the period ₩ (40,793,665) (19,294,032) Rs (2,507,293) (1,185,866) Adjustment 140,594,070 139,732,183 8,641,307 8,588,334 Cash generated from operations (note 30) 16,358,471 89,063,416 1,005,438 5,474,088 Interest received 1,102,286 1,382,777 67,750 84,989 Interest paid (2,33,647) (1,578,031) (143,433) (96,990) Dividends received 11,000 6,000 676 369 Net cash provided by operating activities 15,138,110 88,874,162 930,431 5,462,456 Cash flows from investing activities - 763,636 - 46,935 Acquisition of property, plant and equipment (269,460,882) (2,632,211) (2,764,518) (3,92,456) Cash flows from financing activities (414,78,702) (2,332,319) (20,714) (143,349) Net cash used in investing activities (33,7022) (2,332,319) (20,714) (143,349) Cash flows from Government grants - 5,110,060 - 314,079 Cash flows from Government grants -		-	2018	2017	2018	2017
Adjustment 140,594,070 139,732,183 8,641,307 8,588,334 Changes in assets and liabilities (83,441,934) (31,374,735) (5,128,576) (1,928,380) Cash generated from operations (note 30) 16,358,471 89,063,416 1,005,438 5,474,088 Interest received 1,102,286 1,382,777 67,750 84,989 Interest paid (2,333,647) (1,578,031) (143,433) (96,990) Dividends received 11,000 6,000 676 369 Net cash provided by operating activities 15,138,110 88,874,162 930,431 5,462,456 Cash flows from investing activities - 763,636 - 46,935 Proceed from disposal of intangible assets - 763,636 - 46,935 Acquisition of property, plant and equipment (83,428,20) (2,323,219) (2,0714) (143,349) Net cash used in investing activities - 763,636 - 46,935 Cash flows from financing activities - (33,7022) (2,323,219) (20,714) (143,349) Net cash provided by (used in) financing activities -						
Changes in assets and liabilities (83,441,934) (31,374,735) (5,128,576) (1,928,380) Cash generated from operations (note 30) 16,358,471 89,063,416 1,005,438 5,474,088 Interest received 1,102,286 1,382,777 67,750 84,989 Interest paid (2,333,647) (1,578,031) (143,433) (96,990) Dividends received 11,000 6,000 676 369 Net cash provided by operating activities 15,138,110 88,874,162 930,431 5,462,456 Cash flows from investing activities - 763,636 - 46,935 Proceed from disposal of intangible assets - 763,636 - 46,935 Cash flow from other investing activities (337,022) (2,323,19) (2,0,714) (143,349) Net cash used in investing activities (114,517,877) (144,883,823) (7,038,591) (8,904,967) Cash flows from financing activities - 5,110,060 - 314,079 Cash flows from financing activities - 5,410,060 - 314,079	-	₩				
Cash generated from operations (note 30) 16,358,471 89,063,416 1,005,438 5,474,088 Interest received 1,102,286 1,382,777 67,750 84,989 Interest paid 11,000 6,000 676 369 Net cash provided by operating activities 15,138,110 88,874,162 930,431 5,462,456 Cash flows from investing activities 15,138,110 86,542,810 (4,269,261) (5,319,165) Proceed from disposal of property, plant and equipment 258,729 49,921 15,902 3,068 Acquisition of intangible assets - 763,636 - 46,935 Cash flows from other investing activities (337,022) (2,332,319) (20,714) (14,349) Net cash used in investing activities - 5,110,060 - 314,079 Cash flows from financing activities - 34,010 - 2,090 Repayment of borrowings - 34,010 - 2,090 Repayment of borrowings - 34,010 - 2,090 Repayment of borrowings <td>5</td> <td></td> <td></td> <td></td> <td></td> <td></td>	5					
Interest received 1,102,286 1,382,777 67,750 84,989 Interest paid (2,333,647) (1,578,031) (143,433) (96,990) Dividends received 11,000 6,000 676 369 Net cash provided by operating activities 15,138,110 88,874,162 930,431 5,462,456 Cash flows from investing activities Proceed from disposal of property, plant and equipment 258,729 49,921 15,902 3,068 Proceed from disposal of intangible assets - 763,636 - 46,935 Acquisition of property, plant and equipment (69,460,882) (86,542,810) (4,269,261) (5,319,165) Acquisition of intangible assets - 763,636 - 46,935 Cash flow from other investing activities (337,022) (2,332,319) (20,714) (143,349) Net cash used in investing activities (114,517,877) (144,883,823) (7,038,591) (8,904,967) Cash flows from financing activities - 5,110,060 - 314,079 Proceeds from issuing capital stock - <t< td=""><td>Changes in assets and liabilities</td><td>-</td><td>(83,441,934)</td><td>(31,374,735)</td><td>(5,128,576)</td><td>(1,928,380)</td></t<>	Changes in assets and liabilities	-	(83,441,934)	(31,374,735)	(5,128,576)	(1,928,380)
Interest paid (2,333,647) (1,578,031) (143,433) (96,990) Dividends received 11,000 6,000 676 369 Net cash provided by operating activities 15,138,110 88,874,162 930,431 5,462,456 Cash flows from investing activities Proceed from disposal of property, plant and equipment 258,729 49,921 15,902 3,068 Proceed from disposal of property, plant and equipment 258,729 49,921 (2,764,518) (3,492,456) Acquisition of property, plant and equipment (43,78,702) (56,822,251) (2,764,518) (3,492,456) Cash flows from financing activities (114,517,877) (144,883,823) (7,038,591) (8,904,967) Cash flows from financing activities (114,517,877) (144,883,823) (7,038,591) (8,904,967) Cash flows from Government grants 5,110,060 314,079 2,090 Repayment of borrowings (12,401,643) (2,908,649) (762,240) (178,774) Net cash provided by (used in) financing activities (111,781,410) (53,774,240) (6,870,400) (3,305,116) Cash and cash equivalents at January 1 212,521,514 234,6	Cash generated from operations (note 30)	-	16,358,471	89,063,416	1,005,438	5,474,088
Interest paid (2,333,647) (1,578,031) (143,433) (96,990) Dividends received 11,000 6,000 676 369 Net cash provided by operating activities 15,138,110 88,874,162 930,431 5,462,456 Cash flows from investing activities Proceed from disposal of property, plant and equipment 258,729 49,921 15,902 3,068 Proceed from disposal of property, plant and equipment 258,729 49,921 (2,764,518) (3,492,456) Acquisition of property, plant and equipment (43,78,702) (56,822,251) (2,764,518) (3,492,456) Cash flows from financing activities (114,517,877) (144,883,823) (7,038,591) (8,904,967) Cash flows from financing activities (114,517,877) (144,883,823) (7,038,591) (8,904,967) Cash flows from Government grants 5,110,060 314,079 2,090 Repayment of borrowings (12,401,643) (2,908,649) (762,240) (178,774) Net cash provided by (used in) financing activities (111,781,410) (53,774,240) (6,870,400) (3,305,116) Cash and cash equivalents at January 1 212,521,514 234,6	Interest received		1 102 286	1 382 777	67750	84 989
Dividends received 11,000 6,000 676 369 Net cash provided by operating activities 15,138,110 88,874,162 930,431 5,462,456 Cash flows from investing activities Proceed from disposal of property, plant and equipment 258,729 49,921 15,902 3,068 Proceed from disposal of intangible assets - 763,636 - 46,935 Acquisition of property, plant and equipment (69,460,882) (86,542,810) (4,269,261) (5,319,165) Acquisition of intangible assets - 763,636 - 46,935 Cash flows from other investing activities (337,022) (2,332,319) (20,714) (143,349) Net cash used in investing activities (114,517,877) (144,883,823) (7,038,591) (8,904,967) Cash flows from financing activities - 5,110,060 - 314,079 Proceeds from issuing capital stock - 5,110,060 - 2,090 Cash inflows from Government grants - 34,010 - 2,090 Repayment of borrowings (12,401,643) <t< td=""><td></td><td></td><td></td><td></td><td>•</td><td></td></t<>					•	
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Proceed from disposal of property, plant and equipment 258,729 49,921 15,902 3,068 Proceed from disposal of intangible assets - 763,636 - 46,935 Acquisition of property, plant and equipment Acquisition of intangible assets (69,460,882) (86,542,810) (4,269,261) (5,319,165) Cash flow from other investing activities (337,022) (2,332,319) (20,714) (143,349) Net cash used in investing activities (314,079) (144,883,823) (7,038,591) (8,904,967) Cash flows from financing activities - 5,110,060 - 314,079 Proceeds from issuing capital stock - 5,110,060 - 2,090 Repayment of borrowings (12,401,643) (2,908,649) (762,240) (178,774) Net cash provided by (used in) financing activities (111,781,410) (53,774,240) (6,870,400) (3,305,116) Cash and cash equivalents at January 1 212,521,514 234,657,416 13,062,170 14,422,705						
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Proceed from disposal of intangible assets - 763,636 - 46,935 Acquisition of property, plant and equipment (69,460,882) (86,542,810) (4,269,261) (5,319,165) Acquisition of intangible assets (44,978,702) (56,822,251) (2,764,518) (3,492,456) Cash flows from other investing activities (114,517,877) (144,883,823) (7,038,591) (8,904,967) Cash flows from financing activities - 5,110,060 - 314,079 Proceeds from issuing capital stock - 5,110,060 - 2,090 Repayment of borrowings (12,401,643) (2,908,649) (762,240) (178,774) Net cash provided by (used in) financing activities (111,781,410) (53,774,240) (6,870,400) (3,305,116) Cash and cash equivalents at January 1 212,521,514 234,657,416 13,062,170 14,422,705			259 720	10 021	15 002	3 068
Acquisition of property, plant and equipment (69,460,882) (86,542,810) (4,269,261) (5,319,165) Acquisition of intangible assets (44,978,702) (56,822,251) (2,764,518) (3,492,456) Cash flow from other investing activities (114,517,877) (144,883,823) (7,038,591) (8,904,967) Cash flows from financing activities (114,517,877) (144,883,823) (7,038,591) (8,904,967) Cash flows from financing activities - 5,110,060 - 314,079 Proceeds from issuing capital stock - 5,110,060 - 2,090 Repayment of borrowings (12,401,643) (2,908,649) (762,240) (178,774) Net cash provided by (used in) financing activities (111,781,410) (53,774,240) (6,870,400) (3,305,116) Cash and cash equivalents at January 1 212,521,514 234,657,416 13,062,170 14,422,705			200,729		10,902	
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Cash flow from other investing activities (337,022) (2,332,319) (20,714) (143,349) Net cash used in investing activities (114,517,877) (144,883,823) (7,038,591) (8,904,967) Cash flows from financing activities - 5,110,060 - 314,079 Proceeds from issuing capital stock - 5,110,060 - 2,090 Cash inflows from Government grants - 34,010 - 2,090 Repayment of borrowings (12,401,643) (2,908,649) (762,240) (178,774) Net cash provided by (used in) financing activities (111,781,410) (53,774,240) (6,870,400) (3,305,116) Cash and cash equivalents at January 1 212,521,514 234,657,416 13,062,170 14,422,705						
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Proceeds from issuing capital stock - 5,110,060 - 314,079 Cash inflows from Government grants - 34,010 - 2,090 Repayment of borrowings (12,401,643) (2,908,649) (762,240) (178,774) Net cash provided by (used in) financing activities (12,401,643) 2,235,421 (762,240) 137,395 Net decrease in cash and cash equivalents (111,781,410) (53,774,240) (6,870,400) (3,305,116) Cash and cash equivalents at January 1 212,521,514 234,657,416 13,062,170 14,422,705		-	(114,017,077)	(144,000,020)	(7,000,001)	(0,00+,007)
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Repayment of borrowings (12,401,643) (2,908,649) (762,240) (178,774) Net cash provided by (used in) financing activities (12,401,643) 2,235,421 (762,240) (137,395) Net decrease in cash and cash equivalents (111,781,410) (53,774,240) (6,870,400) (3,305,116) Cash and cash equivalents at January 1 212,521,514 234,657,416 13,062,170 14,422,705	Proceeds from issuing capital stock		-	5,110,060	-	314,079
Net cash provided by (used in) financing activities (12,401,643) 2,235,421 (762,240) 137,395 Net decrease in cash and cash equivalents (111,781,410) (53,774,240) (6,870,400) (3,305,116) Cash and cash equivalents at January 1 212,521,514 234,657,416 13,062,170 14,422,705	Cash inflows from Government grants		-	34,010	-	2,090
activities(12,401,643)2,235,421(762,240)137,395Net decrease in cash and cash equivalents(111,781,410)(53,774,240)(6,870,400)(3,305,116)Cash and cash equivalents at January 1212,521,514234,657,41613,062,17014,422,705	Repayment of borrowings		(12,401,643)	(2,908,649)	(762,240)	(178,774)
Net decrease in cash and cash equivalents (111,781,410) (53,774,240) (6,870,400) (3,305,116) Cash and cash equivalents at January 1 212,521,514 234,657,416 13,062,170 14,422,705	Net cash provided by (used in) financing					
Cash and cash equivalents at January 1 212,521,514 234,657,416 13,062,170 14,422,705	activities	-	(12,401,643)	2,235,421	(762,240)	137,395
Cash and cash equivalents at January 1 212,521,514 234,657,416 13,062,170 14,422,705	Net decrease in cash and cash equivalents		(111,781,410)	(53,774,240)	(6,870,400)	(3,305,116)
		-	. , - ,,			
Cash and cash equivalents at June 30 ₩ 100,740,104 180,883,176 Rs 6,191,770 11,117,589	Cash and cash equivalents at January 1	-	212,521,514	234,657,416	13,062,170	14,422,705
	Cash and cash equivalents at June 30	₩	100,740,104	180,883,176 Rs	6,191,770	11,117,589

June 30, 2018 and 2017

1. General Description of the Company

(1) Organization and description of business of the Company

Ssangyong Motor Company (the "Company") was incorporated on December 6, 1962, in the Republic of Korea and listed its stocks on the Korea Stock Exchange in May 1975. The Company is headquartered in Dongsak-ro, Pyeongtaek, and its factories are located in Pyeongtaek, Gyeonggi-do, and Changwon, Gyeongsangnam-do, Republic of Korea to manufacture, sell and fix multiple types of vehicle, heavy machinery and those parts.

(2) Major shareholders

As of June 30, 2018, the Company's shareholders are as follows:

Name of shareholder	Number of shares	Percentage of ownership
Mahindra & Mahindra Ltd.	99,964,502	72.46%
Others	37,984,894	27.54%
	137,949,396	100.00%

2. Basis of Preparation and Accounting Policies

(1) Basis of translating separate interim financial statements

The separate interim financial statements are expressed in Korean won and have been translated into Indian rupees at the rate of W 16.27 to INR 1 on June 30, 2018, solely for the convenience of the reader. These translations should not be construed as a representation that any or all of the amounts shown could be converted into Indian rupees at this or any other rate.

(2) Statement of compliance

The separate interim financial statements have been prepared in accordance with Korean International Financial Reporting Standards ("K-IFRS"), as prescribed in the Act on External Audits of Corporations in the Republic of Korea.

These separate interim financial statements were prepared in accordance with K-IFRS 1034, 'Interim Financial Reporting' as part of the period covered by the Company's K-IFRS annual financial statements. Selected explanatory notes are included to explain events and transactions that are significant to an understanding of the changes in financial position and performance of the Company since the last annual separate financial statements as of and for the year ended December 31, 2017. These separate interim financial statements do not include all of the disclosures required for full annual financial statements.

These separate interim financial statements are separate interim financial statements prepared in accordance with K-IFRS 1027, 'Separate Financial Statements' presented by a parent, an investor in an associate or a venturer in a joint venture, in which the investments are accounted for on the basis of the direct equity interest rather than on the basis of the reported results and net assets of the investees.

The Company has initially applied K-IFRS 1109 'Financial Instruments' and K-IFRS 1115 'Revenue from Contracts with Customers' for preparation of the separate interim financial statements as of and for the six months ended June 30, 2018. The significant changes in accounting policies are described in note 2.(4).

June 30, 2018 and 2017

2. Basis of Preparation and Accounting Policies, Continued

(3) Use of estimates and judgments

The preparation of the separate interim financial statements in conformity with K-IFRS requires management to make judgments, estimates and assumptions that affect the application of accounting policies and the reported amounts of assets, liabilities, income and expenses. Actual results may differ from these estimates.

Management's judgments in applying accounting policies and estimation, used in separate interim financial statements, are the same as those applied to the separate financial statements as of and for the year ended December 31, 2017 except for main sources of uncertainty in estimates and judgements related to K-IFRS 1109 'Financial Instruments' and K-IFRS 1115 'Revenue from Contracts with Customers'.

(4) Changes in accounting Policies

New standard, interpretations, and changes in accounting policies resulting from the adoption of them are as follows. The changes in accounting policies described below will be also reflected in the annual financial statements for the year ending December 31, 2018.

① K-IFRS No.1115, Revenue from Contracts with Customers

K-IFRS 1115 establishes a comprehensive framework for determining whether, how much and when revenue is recognized. It replaces existing revenue recognition guidance, including K-IFRS 1018 Revenue, K-IFRS 1011 Construction Contracts, K-IFRS 2113 Customer Loyalty Programs, K-IFRS 2115 Agreements for the Construction of Real Estate and K-IFRS 2118 Transfers of assets from customers.

The Company adopted K-IFRS 1115 using the cumulative effect method, with the effect of initially applying this standard recognized and applied to the contracts that are not completed at the date of initial application (January 1, 2018).

There is no effect on retained earnings as of January 1, 2018 because the Company concluded that the contracts before adopting K-IFRS 1115 were completed before the date.

The effect of adoption of the K-IFRS 1115 on the separate interim statement of financial position as of June 30, 2018 the separate interim statement comprehensive loss for the six-month period ended June 30, 2018 are as follows. The effect on the separate interim statement of cash flow for the six-month periods ended June 30, 2018 is not significant.

June 30, 2018 and 2017

2. Basis of Preparation and Accounting Policies, Continued

(4) Changes in accounting Policies, continued

1) Impact on the separate interim statements of financial position

(In thousands of won)	-	Amount in accordance with K-IFRS No. 1018(A)	Amount in accordance with K-IFRS No. 1115(B)	Difference(B-A)
Current assets Non-current assets	₩	507,636,402 1,579,999,020	510,689,044 1,579,999,020	3,052,642
Total assets	-	2,087,635,422	2,090,688,064	3,052,642
Current liabilities Non-current liabilities Total liabilities	-	872,985,286 474,683,227 1,347,668,513	877,040,508 476,634,341 1,353,674,849	4,055,222 1,951,114 6,006,336
Total equity	₩_	739,966,909	737,013,215	(2,953,694)

(In thousands of rupee)	-	Amount in accordance with K-IFRS No. 1018(A)	Amount in accordance with K-IFRS No. 1115(B)	Difference(B-A)
Current assets Non-current assets	Rs	31,200,762 97,111,188	31,388,386 97,111,188	187,624
Total assets	-	128,311,950	128,499,574	187,624
Current liabilities Non-current liabilities Total liabilities	-	53,656,133 29,175,367 82,831,500	53,905,379 29,295,288 83,200,667	249,246 119,921 369,167
Total equity	Rs	45,480,450	45,298,907	(181,543)

2) Impact on the separate interim statements of comprehensive loss

(In thousands of won)	_	Amount in accordance with K-IFRS No. 1018(A)	Amount in accordance with K-IFRS No. 1115(B)	Difference(B-A)
Gross sales Cost of sales Selling, general and	₩	1,762,161,555 1,526,028,835	1,746,657,311 1,537,835,938	(15,504,244) 11,807,103
administrative expenses	-	269,298,311	247,938,694	(21,359,617)
Loss for the period	₩	(37,839,971)	(40,793,665)	(2,953,694)
(In thousands of rupee)	_	Amount in accordance with K-IFRS No. 1018(A)	Amount in accordance with K-IFRS No. 1115(B)	Difference(B-A)
Gross sales Cost of sales Selling, general and	Rs	accordance with K-IFRS No. 1018(A) 108,307,410 93,794,028	accordance with K-IFRS No. 1115(B) 107,354,475 94,519,726	(952,935) 725,698
Gross sales Cost of sales	Rs	accordance with K-IFRS No. 1018(A) 108,307,410	accordance with K-IFRS No. 1115(B) 107,354,475	(952,935)

June 30, 2018 and 2017

2. Basis of Preparation and Accounting Policies, Continued

(4) Changes in accounting Policies, continued

The Company have identified distinct performance obligations for our products and merchandise contract with our customers, such as (1) sales of vehicles and merchandise, (2) transportation of vehicles, and (3) warranties. Revenues recognized at the time of the transfer of the risks and rewards of the goods under K-IFRS 1018 is to be realized at the time when the obligation to perform the transportation and warranty is identified and implemented in the contract of transfer of the goods under K-IFRS 1115.

Our sales contract with customers has the option of customers purchasing additional warranties. Also, depending on the sales policy, customers may be offered service warranty beyond the assurance warranty when selling a vehicle. When a customer purchases a warranty or provides a service warranty to a customer under a sales policy, sales recognition related to the performance obligations is deferred to the time the performance obligation is fulfilled, and is not recognized in provision of warranties.

Transaction price of a service warranty to a customer under a sales policy is allocated by relative individual sales price that is estimated by "expected cost plus a margin approach". The consideration paid to other customers defined in K-IFRS 1115 are recognized by deducting from related sales.

② K-IFRS No. 1109 : Financial Instruments

Key features of the new standard, K-IFRS 1109, are 1) classification and measurement of financial assets that reflects the business model in which the assets are managed and their cash flow characteristics, 2) impairment methodology that reflects 'expected credit loss' (ECL) model for financial assets, and 3) expanded scope of hedged items and hedging instruments which qualify for hedge accounting and changes in assessment method for effect of hedging relationships.

Classification and measurement of financial assets

K-IFRS 1109, Financial Instruments sets out requirements for recognizing and measuring financial assets, financial liabilities and some contracts to buy or sell non-financial items. This standard replaces K-IFRS 1039 Financial Instruments: Recognition and Measurement.

Most of the requirements of K-IFRS 1039 for classification and measurement of financial liabilities are existed, but categories of held to maturity, loans and receivables and available for sales are deleted under K-IFRS 1109.

Under K-IFRS 1109, financial assets are classified into measured at amortised cost, debt investment measured at fair value through other comprehensive income, equity investment measured at fair value through other comprehensive income, and fair value through profit or loss (FVTPL).

K-IFRS 1109 contains a new classification and measurement approach for financial assets that reflects the business model in which assets are managed and their cash flow characteristics. Derivatives embedded in hybrid contracts where the host is a financial asset are not bifurcated. Instead, the hybrid financial instrument as a whole is assessed for classification.

June 30, 2018 and 2017

2. Basis of Preparation and Accounting Policies, Continued

(4) Changes in accounting Policies, continued

A financial asset is measured at amortised cost if it meets both of the following conditions and is not designated as at FVTPL:

- it is held within a business model whose objective is to hold assets to collect contractual cash flows
- its contractual terms give rise on specified dates to cash flows that are solely payments of principal and interest on the principal amount outstanding.

A debt investment is measured at FVOCI if it meets both of the following conditions and is not designated as at FVTPL:

- it is held within a business model whose objective is achieved by both collecting contractual cash flows and selling financial assets.
- its contractual terms give rise on specified dates to cash flows that are solely payments of principal and interest on the principal amount outstanding.

The company may irrevocably designate equity investment that is not held for trading as at FVOCI at initial recognition. The designation is made based on each investments.

Financial assets including derivatives, not classified as measured at amortised cost or FVOCI as described above, are measured at FVTPL. Financial assets may be designated as at FVTPL upon initial recognition if such designation eliminates or significantly reduces a measurement or recognition inconsistency that would otherwise arise.

A financial asset (unless it is a trade receivable without a significant financing component) is initially measured at fair value plus, for an item not at FVTPL, transaction costs that are directly attributable to its acquisition or issue. A trade receivable without a significant financing component is initially measured at the transaction price.

Financial assets at FVTPL	These assets are subsequently measured at fair value. Net gains and losses, including any interest or dividend income, are recognized in profit or loss.
Financial assets at amortised cost	These assets are subsequently measured at amortised cost using the effective interest method. The amortised cost is reduced by impairment losses. Interest income, foreign exchange gains and losses and impairment are recognized in profit or loss. Any gain or loss on derecognition is recognized in profit or loss.
Debt investments at FVOCI	These assets are subsequently measured at fair value. Interest income calculated using the effective interest method, foreign exchange gains and losses and impairment are recognized in profit or loss. Other net gains and losses are recognized in OCI. On derecognition, gains and losses accumulated in OCI are reclassified to profit or loss.
Equity investments at FVOCI	These assets are subsequently measured at fair value. Dividends are recognized as income in profit or loss unless the dividend clearly represents a recovery of part of the cost of the investment. Other net gains and losses are recognized in OCI and are never reclassified to profit or loss.

The following accounting policies are applied to subsequent measurement of the financial assets.

June 30, 2018 and 2017

2. Basis of Preparation and Accounting Policies, Continued

(4) Changes in accounting Policies, continued

The results of the classification and measurement of financial assets (excluding derivatives) held by the company as of June 30, 2018 are as follows:

(In thousands of won)	Under K-IFRS	1039	Under K-IFRS 1109			
	Classification	Book value	Classification		Book value	
Cash and cash equivalents Trade receivables Other receivables Loans and others Long-term financial	Loan and receivables W Loan and receivables Loan and receivables Loan and receivables	2,987,085	Amortised cost Amortised cost Amortised cost Amortised cost	₩	100,740,104 171,827,055 2,987,085 10,949,285	
instruments Long-term loans and	Loan and receivables	4,000	Amortised cost		4,000	
others AFS financial assets(*)	Loan and receivables AFS financial assets	35,329,362 560,000	Amortised cost FVTPL		35,329,362 560,000	

(In thousands of rupee)	Under K-IFRS	1039	Under K-IFRS 1109			
	Classification	Book value	Classification		Book value	
Cash and cash equivalents Trade receivables Other receivables Loans and others Long-term financial	Loan and receivables Rs Loan and receivables Loan and receivables Loan and receivables	10,560,974 183,595	Amortised cost Amortised cost Amortised cost Amortised cost	Rs	6,191,770 10,560,974 183,595 672,974	
instruments Long-term loans and	Loan and receivables	246	Amortised cost		246	
others AFS financial assets(*)	Loan and receivables AFS financial assets	2,171,442 34,419	Amortised cost FVTPL		2,171,442 34,419	

(*) The company judged that acquisition cost is the best estimate of fair values of available-for sale financial assets since these do not have a quoted market price in an active market and fair values of them cannot be reliably measured due to the excessively vast range of possible outcomes of the fair value measurement.

Impairment: Financial assets and contract assets

K-IFRS 1109 replaces the 'incurred loss' model in K-IFRS 1039 with a forward-looking 'expected credit loss' (ECL) model. The new impairment model will apply to financial assets measured at amortised cost or FVOCI, except for investments in equity instruments, and to contract assets. Under K-IFRS 1109, impairment losses are likely to be recognized earlier than using the incurred loss model under the existing guidance in K-IFRS 1039.

Under K-IFRS 1109, loss allowances will be measured on either of the following bases:

- 12-month ECLs: ECLs that result from possible default events within the 12 months after the reporting date
- lifetime ECLs: ECLs that result from all possible default events over the expected life of a financial instrument.

June 30, 2018 and 2017

2. Basis of Preparation and Accounting Policies, Continued

(4) Changes in accounting Policies, continued

When determining whether the credit risk of a financial asset has increased significantly since initial recognition and when estimating ECL, the Company considers reasonable and supportable information that is relevant and available without undue cost or effort. This includes both quantitative and qualitative information and analysis, based on the company's historical experience and informed credit assessment and including forward-looking information. The company assumes that the credit risk on a financial asset has increased significantly if it is more than 30 days past due.

The company considers a financial asset to be in default when:

- the borrower is unlikely to pay its credit obligations to the company in full, without recourse by the company to actions such as realizing security (if any is held)
- the financial asset is more than 90 days past due.

Loss allowances for financial assets measured at amortised cost are deducted from the gross carrying amount of the assets. For debt securities at FVOCI, the loss allowance is charged to profit or loss and is recognized in OCI.

As of June 30, 2018, the Company has recognized loss allowances amounting to $\frac{1}{2}$ 4,087 million (Rs 251 million) for loans and receivables. The Company has chosen its accounting policy to measure the loss allowance at an amount equal to lifetime expected assets if the trade receivables or contract assets contain a significant financing component, and plan to use practical simplification method that the credit risk on a financial instrument has not increased significantly at the reporting date.

Hedge accounting

K-IFRS 1109 retains the mechanics of hedge accounting (fair value hedge, cash flow hedge, hedging on net investment in a foreign operation) which was defined in the existing guidance in K-IFRS 1039, but provides principle-based and less complex guidance in hedging which focuses on the risk management activities. More hedged items and hedging instruments would qualify for hedge accounting, more qualitative and forward-looking approach will be taken to assessing hedge effectiveness, and qualitative threshold (80~125%) is removed under K-IFRS 1109.

3. Significant Accounting Policies

Except for the changes in accounting policies as described in note 2.(4), the accounting policies applied by the Company in these separate interim financial statements are the same as those applied by the Company in the separate financial statements as of and for the year ended December 31, 2017.

For better comparative purposes, certain comparative amounts in the separate interim financial statements have been reclassified according to the separate financial statements of the current year, which do not have an impact on either net profit or net equity of the prior year.

The following new standards, interpretations and amendments to existing standards, which have been published, are effective for annual periods beginning after January 1, 2018 and earlier application is permitted; however the Company has not early adopted them.

Amendments to K-IFRS No.1116: Leases

K-IFRS 1116 replaces existing lease guidance, including K-IFRS 1017 Leases and K-IFRS interpretation 2104 Determining whether an arrangement contains a lease. The standard is effective for annual periods beginning on or after January 1, 2019. Early adoption is permitted for entities that apply K-IFRS 1115 at or before the date of initial application of K-IFRS 1116.

June 30, 2018 and 2017

3. Significant Accounting Policies, Continued

K-IFRS 1116 introduces a single, on-balance sheet lease accounting model for lessees. A lessee recognizes a right-of-use asset representing its right to use the underlying asset and a lease liability representing its obligation to make lease payments. There are recognition exemption for short-term leases and leases of low-value items. Lessor accounting is similar to the current standard, that classifies leases as finance or operating leases.

As a lessee, the Company can choose between retrospective application method and modified retrospective application method. The Company will perform a detailed assessment of the impact resulting from the application of K-IFRS 1116, and expects to disclose additional quantitative information in the notes to the financial statements.

4. Cash and Cash Equivalents

Cash and cash equivalents include cash on hand and in banks and highly liquid short-term financial instruments that may be easily converted into cash and whose risk of value fluctuation is not material.

5. Restricted Financial Instruments

Restricted financial Instruments as of June 30, 2018 and December 31, 2017 are as follows:

	Financial	_	Korean won		Indian rupee		_		
	institution		2018	2017	2018	2017	Description		
Cash and cash	Shinhan Bank and others	₩	1,329,940	1,108,695 Rs	81,742	68,144	Litigated asset, government grants and others		
equivalents	Woori Bank		749,430	748,483	46,062	46,003	Unconfirmed reorganization debt pledged as collateral		
Long-term financial instruments	Shinhan Bank and others		4,000	4,000	246	246	Bank account deposit		
		₩	2,083,370	1,861,178 Rs	128,050	114,393			

(In thousands of won and in thousands of rupee)

6. Available-for sale Financial Assets

Available-for sale financial assets as of June 30, 2018 and December 31, 2017 are as follows:

(In thousands of won)

		-		2018		2017
	Ownership (%)		Acquisition cost	Net asset value	Book value	Book value
Kihyup Technology Banking Corporation(*) Korea Management	1.72	₩	500,000	708,599	500,000	500,000
Consultants Association(*)	1.50	-	60,000	763,033	60,000	60,000
		₩_	560,000	1,471,632	560,000	560,000

June 30, 2018 and 2017

6. Available-for sale Financial Assets, Continued

(In thousands of rupee)				2018		2017
	Ownershi (%)	р	Acquisition cost	Net asset value	Book value	Book value
Kihyup Technology Banking Corporation(*) Korea Management	1.72	Rs	30,731	43,553	30,731	30,731
Consultants Association(*)	1.50		3,688	46,898	3,688	3,688
		Rs	34,419	90,451	34,419	34,419

(*) Investments in equity instruments that do not have a quoted market price in an active market and whose fair value cannot be reliably measured are measured at acquisition cost.

7. Trade and Other Receivables

(1) Details of trade and other receivables as of June 30, 2018 and December 31, 2017 are as follows:

(In thousands of won)		2018		2017	
	_	Current	Non-current	Current	Non-current
Trade receivables	₩	171,955,626	1,150,646	195,038,354	6,223,160
Less: Allowance for doubtful accounts		(128,571)	-	(126,715)	-
Other receivables		8,281,954	147,500	8,679,435	147,594
Less: Allowance for doubtful accounts		(3,898,539)	(44,250)	(3,723,780)	(44,250)
Loans and others		10,959,509	34,080,851	11,886,976	33,322,231
Less: Allowance for doubtful accounts		(10,224)	(5,385)	(4,078)	(11,334)
	₩	187,159,755	35,329,362	211,750,192	39,637,401

(In thousands of rupee)		201	8	2017		
		Current	Non-current	Current	Non-current	
Trade receivables	Rs	10,568,877	70,722	11,987,606	382,493	
Less: Allowance for doubtful accounts		(7,902)	-	(7,788)	-	
Other receivables		509,032	9,066	533,463	9,072	
Less: Allowance for doubtful accounts		(239,615)	(2,720)	(228,874)	(2,720)	
Loans and others		673,601	2,094,705	730,607	2,048,078	
Less: Allowance for doubtful accounts	_	(628)	(331)	(251)	(697)	
	Rs_	11,503,365	2,171,442	13,014,763	2,436,226	

June 30, 2018 and 2017

7. Trade and Other Receivables, Continued

(2) Detalis of aging analysis of the trade and other receivables as of June 30, 2018 and December 31, 2017 are as follows:

(In thousands of won)		2018			2017		
	-	Trade receivables	Others(*)	Trade receivables	Others(*)		
Not past due Less than 30 days More than 60 days	₩	173,106,272 - -	49,355,934 - -	201,261,514 - -	50,164,648 - -		
More than 90 days	-		4,113,880		3,871,588		
	₩_	173,106,272	53,469,814	201,261,514	54,036,236		

(In thousands of rupee)		2018	2017		
	-	Trade receivables	Others(*)	Trade receivables	Others(*)
Not past due Less than 30 days More than 60 days	Rs	10,639,599 - -	3,033,554 - -	12,370,099 - -	3,083,260 - -
More than 90 days	-		252,850		237,960
	Rs	10,639,599	3,286,404	12,370,099	3,321,220

(*) Others consist of other receivables, loans and others.

(3) Changes in allowance for trade and other receivables for the six-month periods ended June 30, 2018 and 2017 are as follows:

(In thousands of won)

		2018	8	2017		
	_	Trade receivables	Others	Trade receivables	Others	
Beginning balance Bad debt expense Reversal of allowance for bad debts	₩-	126,715 1,856 -	3,783,442 180,904 (5,948)	93,208 - (66,331)	123,730 - (14,303)	
Ending balance	₩_	128,571	3,958,398	26,877	109,427	

(In thousands of rupee)

	_	2018	8	2017		
	_	Trade receivables	Others	Trade receivables	Others	
Beginning balance Bad debt expense Reversal of allowance for bad debts	Rs	7,788 114 -	232,541 11,119 (366)	5,729 - (4,077)	7,605 - (879)	
Ending balance	Rs	7,902	243,294	1,652	6,726	

June 30, 2018 and 2017

8. Inventories

Details of inventories as of June 30, 2018 and December 31, 2017 are as follows:

(In thousands of won and in thousands of rupee)

		Korean	won	Indian rupee		
	_	2018 2017		2018	2017	
Merchandises	₩	37,505,568	34,648,961 Rs	2,305,198	2,129,623	
Finished goods		68,907,076	66,624,320	4,235,223	4,094,918	
Work-in-process		28,960,033	29,867,552	1,779,965	1,835,744	
Raw materials		29,603,041	33,097,439	1,819,486	2,034,262	
Sub-materials		457,032	414,413	28,090	25,471	
Supplies		3,600,131	3,632,719	221,274	223,277	
Goods in transit		39,415,627	55,252,022	2,422,596	3,395,944	
	₩_	208,448,508	223,537,426 Rs	12,811,832	13,739,239	

The Company has measured inventories at the lower of cost or net realizable value. The loss on valuation of inventories amounted to W2,448,692 thousand (Rs150,504 thousand) for the six-months periods ended June 30, 2018 is included in cost of sales.

9. Investments in Subsidiaries and a Joint venture

Details of investment in subsidiaries and a joint venture as of June 30, 2018 and December 31, 2017 are as follows:

(In thousands of won)

					20	18	2017
	Company	Location	Owner ship	Closing month	Acquisition cost	Book value	Book value
Subsidiaries	Ssangyong Motor (Shanghai) Co., Ltd. Ssangyong European	China	100%	December ¥	¥ 5,338,097	1,056,486	1,056,486
	Parts Center B.V.	Netherlands	100%	December	835,695	-	-
					6,173,792	1,056,486	1,056,486
Joint venture	SY Auto Capital Co., Ltd.(*)	Korea	51%	December	10,200,000	10,200,000	10,200,000
				¥	¥ <u>16,373,792</u>	11,256,486	11,256,486

(*) SY Auto Capital Co., Ltd. is a joint venture which were established under joint venture agreement, as joint venture since the Company has rights only to the net assets, and their legal structures of arrangements are separated.

June 30, 2018 and 2017

9. Investments in Subsidiaries and a Joint venture, Continued

(In thousands of rupee)

					20	18	2017
	Company	Location	Owner ship	Closing month	Acquisition cost	Book value	Book value
Subsidiaries	Ssangyong Motor (Shanghai) Co., Ltd. Ssangyong European	China	100%	December R	s 328,094	64,935	64,935
	Parts Center B.V.	Netherlands	100%	December	51,364		
					379,458	64,935	64,935
Joint venture	SY Auto Capital Co., Ltd.(*)	Korea	51%	December	626,921	626,921	626,921
				R	s <u>1,006,379</u>	691,856	691,856

(*) SY Auto Capital Co., Ltd. is a joint venture which were established under joint venture agreement, as joint venture since the Company has rights only to the net assets, and their legal structures of arrangements are separated.

10. Other Assets

Details of other assets as of June 30, 2018 and December 31, 2017 are as follows:

(In thousands of won and in thousands of rupee)

		Korean w	/on	Indian rupee		
		2018	2017	2018	2017	
Other current assets						
Advance payments	₩	1,469,967	1,741,178 Rs	90,348	107,018	
Prepaid expenses		11,266,689	5,423,950	692,482	333,371	
Current tax assets		132,475	332,593	8,144	20,443	
		12,869,131	7,497,721	790,974	460,832	
Other non-current assets						
Other non-current assets	₩	273,261	273,283 Rs	16,796	16,797	

June 30, 2018 and 2017

11. Property, Plant and Equipment

(1) Details of property, plant and equipment as of June 30, 2018 and December 31, 2017 are as follows:

(In thousands of won)				2018		
	_	Acquisition cost	Government grants	Accumulated depreciation	Accumulated impairment losses	Book value
Land	₩	475,062,920	-	-	-	475,062,920
Buildings		544,116,461	(1,815,221)	(222,998,458)	(148,366,786)	170,935,996
Structures		111,597,075	(100,565)	(65,012,873)	(28,913,883)	17,569,754
Machinery		1,312,199,966	(204,640)	(1,048,993,784)	(95,164,674)	167,836,868
Vehicles		7,897,147	(6,644)	(5,882,347)	(567,185)	1,440,971
Tools and molds		1,256,058,139	(28,547)	(786,913,196)	(158,619,983)	310,496,413
Equipment		68,582,764	(38,409)	(50,672,676)	(3,320,500)	14,551,179
Construction in progress	_	60,429,145				60,429,145
	₩	3,835,943,617	(2,194,026)	(2,180,473,334)	(434,953,011)	1,218,323,246

(In thousands of won)

(In thousands of won)	2017								
	-	Acquisition cost	Government grants	Accumulated depreciation	Accumulated impairment losses	Book value			
Land	₩	475,062,920	-	-	-	475,062,920			
Buildings		543,207,391	(1,845,609)	(217,544,488)	(148,366,786)	175,450,508			
Structures		109,871,927	(111,068)	(64,129,824)	(28,913,882)	16,717,153			
Machinery		1,298,011,168	(261,084)	(1,033,241,296)	(95,508,817)	168,999,971			
Vehicles		7,669,974	(7,411)	(5,896,222)	(583,550)	1,182,791			
Tools and molds		1,200,844,395	(31,214)	(743,644,745)	(158,770,322)	298,398,114			
Equipment		67,497,396	(42,425)	(47,685,144)	(3,354,079)	16,415,748			
Construction in progress	_	87,441,686				87,441,686			
	₩	3,789,606,857	(2,298,811)	(2,112,141,719)	(435,497,436)	1,239,668,891			

June 30, 2018 and 2017

11. Property, Plant and Equipment, Continued

(1) Details of property, plant and equipment as of June 30, 2018 and December 31, 2017 are as follows, continued:

(In thousands of rupee)

(In thousands of rupee)		2018									
	_	Acquisition cost	Government grants	Accumulated depreciation	Accumulated impairment losses	Book value					
Land	Rs	29,198,704	-	-	-	29,198,704					
Buildings		33,442,929	(111,569)	(13,706,113)	(9,119,040)	10,506,207					
Structures		6,859,070	(6,181)	(3,995,874)	(1,777,129)	1,079,886					
Machinery		80,651,504	(12,578)	(64,474,111)	(5,849,089)	10,315,726					
Vehicles		485,382	(408)	(361,546)	(34,861)	88,567					
Tools and molds		77,200,869	(1,755)	(48,365,900)	(9,749,231)	19,083,983					
Equipment		4,215,290	(2,361)	(3,114,485)	(204,086)	894,358					
Construction in progress	-	3,714,145				3,714,145					
	Rs_	235,767,893	(134,852)	(134,018,029)	(26,733,436)	74,881,576					

(In thousands of rupee)

(In thousands of rupee)		2017									
	-	Acquisition cost	Government grants	Accumulated depreciation	Accumulated impairment losses	Book value					
Land	Rs	29,198,704	-	-	-	29,198,704					
Buildings		33,387,055	(113,436)	(13,370,897)	(9,119,040)	10,783,682					
Structures		6,753,038	(6,827)	(3,941,600)	(1,777,129)	1,027,482					
Machinery		79,779,420	(16,046)	(63,505,919)	(5,870,240)	10,387,215					
Vehicles		471,419	(455)	(362,398)	(35,867)	72,699					
Tools and molds		73,807,277	(1,919)	(45,706,499)	(9,758,471)	18,340,388					
Equipment		4,148,580	(2,608)	(2,930,863)	(206,151)	1,008,958					
Construction in progress	-	5,374,412				5,374,412					
	Rs	232,919,905	(141,291)	(129,818,176)	(26,766,898)	76,193,540					

June 30, 2018 and 2017

11. Property, Plant and Equipment, Continued

(2) Changes in property, plant and equipment for the six-month periods ended June 30, 2018 and 2017 are as follows:

(In thousands of won)					2018		
	-	Beginning balance	Acquisition	Disposal	Depreciation	Others(*)	Ending balance
Land	₩	475,062,920	-	-	-	-	475,062,920
Buildings		175,450,508	59,275	(352)	(5,423,582)	850,147	170,935,996
Structures		16,717,153	38,000	-	(872,546)	1,687,147	17,569,754
Machinery		168,999,971	35,730	(7,201)	(16,371,494)	15,179,862	167,836,868
Vehicles		1,182,791	114,689	(181,507)	(196,802)	521,800	1,440,971
Tools and molds		298,398,114	523,400	(53,725)	(44,236,261)	55,864,885	310,496,413
Equipment		16,415,748	1,096,820	(21,661)	(3,209,728)	270,000	14,551,179
Construction in progress	_	87,441,686	46,360,246	-	-	(73,372,787)	60,429,145
	₩_	1,239,668,891	48,228,160	(264,446)	(70,310,413)	1,001,054	1,218,323,246

(In	thousands	of	won)
(111	unousanus	UI.	vv011/

(In thousands of won)					2017		
	-	Beginning balance	Acquisition	Disposal	Depreciation	Others(*)	Ending balance
Land	₩	475,072,283	-	-	-	-	475,072,283
Buildings		181,592,387	119,213	(1,040)	(5,274,333)	1,690,866	178,127,093
Structures		16,779,735	-	(229)	(864,654)	-	15,914,852
Machinery		173,322,039	13,724	(1,247)	(15,282,346)	16,840,267	174,892,437
Vehicles		1,004,920	58,233	(10)	(247,699)	222,554	1,037,998
Tools and molds		227,760,362	3,321,490	(1,484)	(35,510,873)	129,064,042	324,633,537
Equipment		19,234,497	1,114,533	(34,643)	(3,476,087)	32,500	16,870,800
Construction in progress		103,179,053	71,283,126	-	-	(145,832,629)	28,629,550
Machinery in transit	_	1,016,181	389,149	-		(1,405,330)	-
	₩	1,198,961,457	76,299,468	(38,653)	(60,655,992)	612,270	1,215,178,550

(*) Capitalized borrowing costs in respect of construction in progress are W 482,056 thousand (2017: W 408,194 thousand) and ₩ 518,998 thousand (2017: ₩ 204,076 thousand) which are transferred from inventory to vehicles during the six-month periods ended June 30, 2018 and 2017, respectively.

June 30, 2018 and 2017

11. Property, Plant and Equipment, Continued

(2) Changes in property, plant and equipment for the six-month periods ended June 30, 2018 and 2017 are as follows, continued:

(In thousands of rupee)					2018		
	_	Beginning balance	Acquisition	Disposal	Depreciation	Others(*)	Ending balance
Land	Rs	29,198,704	-	-	-	-	29,198,704
Buildings		10,783,682	3,643	(21)	(333,349)	52,252	10,506,207
Structures		1,027,482	2,336	-	(53,629)	103,697	1,079,886
Machinery		10,387,215	2,195	(443)	(1,006,238)	932,997	10,315,726
Vehicles		72,699	7,049	(11,156)	(12,096)	32,071	88,567
Tools and molds		18,340,388	32,170	(3,303)	(2,718,885)	3,433,613	19,083,983
Equipment		1,008,958	67,414	(1,330)	(197,279)	16,595	894,358
Construction in progress		5,374,412	2,849,431	-	-	(4,509,698)	3,714,145
I	Rs_	76,193,540	2,964,238	(16,253)	(4,321,476)	61,527	74,881,576

(In thousands of rupee)					2017		
	-	Beginning balance	Acquisition	Disposal	Depreciation	Others(*)	Ending balance
Land	Rs	29,199,280	-	-	-	-	29,199,280
Buildings		11,161,179	7,327	(64)	(324,176)	103,925	10,948,191
Structures		1,031,330	-	(14)	(53,144)	-	978,172
Machinery		10,652,860	844	(77)	(939,296)	1,035,050	10,749,381
Vehicles		61,765	3,579	(1)	(15,224)	13,679	63,798
Tools and molds		13,998,793	204,148	(91)	(2,182,598)	7,932,639	19,952,891
Equipment		1,182,206	68,502	(2,129)	(213,650)	1,998	1,036,927
Construction in progress		6,341,675	4,381,263	-	-	(8,963,286)	1,759,652
Machinery in transit	-	62,458	23,917	-		(86,375)	-
	Rs	73,691,546	4,689,580	(2,376)	(3,728,088)	37,630	74,688,292

(*) Capitalized borrowing costs in respect of construction in progress are Rs 29,628 thousand (2017: Rs 25,088 thousand) and Rs 31,899 thousand (2017: Rs 12,542 thousand) which are transferred from inventory to vehicles during the six-month periods ended June 30, 2018 and 2017, respectively.

June 30, 2018 and 2017

11. Property, Plant and Equipment, Continued

(3) Details of pledged assets provided as collateral for the borrowings as of June 30, 2018 are as follows:

(In thousands of won and in thousands of rupee)

		Korea	an won		Indian rupee			
		Book value	Collateralized amount		Book value	Collateralized amount		
Land Buildings and structures Machinery and others	₩	366,132,440 68,762,072 784,492	267,000,000	Rs	22,503,530 4,226,311 48,217	16,410,572		
	₩	435,679,004	267,000,000	Rs	26,778,058	16,410,572		

(4) Capitalized borrowing costs and capitalization interest rate for the six-month periods ended June 30, 2018 and 2017 are as follows:

(In thousands of won and in thousands of rupee)

	Korean v	von	Indian rupee		
	2018	2017	2018	2017	
Capitalized interest expenses(*) $\$ $\$	1,838,098	1,123,810 Rs	112,974	69,072	
Capitalization interest rate	3.35%	3.42%	3.35%	3.42%	

(*) Capitalized borrowing costs for intangible assets are $\forall 1,356,042$ thousand (Rs 83,346 thousand) and $\forall 715,615$ thousand (Rs 43,984 thousand) for the six-month periods ended June 30, 2018 and 2017, respectively.

June 30, 2018 and 2017

12. Intangible Assets

(1) Details of intangible assets as of June 30, 2018 and December 31, 2017 are as follows:

(In thousands of won)

(In thousands of won)				2018		
	-	Acquisition cost	Government grants	Accumulated amortization	Accumulated impairment losses	Book value
Development cost Patents Other intangible assets	₩.	345,185,014 4,167,375 145,763,068	(16,869) (13,270)	(148,977,033) (2,597,703) (28,807,111)	(88,337) (362,469)	196,207,981 1,464,466 116,580,218
	₩	495,115,457	(30,139)	(180,381,847)	(450,806)	314,252,665
(In thousands of won)				2017		
	-	Acquisition cost	Government grants	Accumulated amortization	Accumulated impairment losses	Book value
Development cost Patents Other intangible assets	₩	304,955,420 3,984,136 139,841,157	(18,286)	(115,794,054) (2,294,527) (26,943,689)	(78,338) (362,469)	189,161,366 1,592,985 112,514,371
	₩	448,780,713	(38,914)	(145,032,270)	(440,807)	303,268,722
(In thousands of rupee)				2018		
		Acquisition cost	Government grants	Accumulated amortization	Accumulated impairment losses	Book value
Development cost Patents Other intangible assets	Rs	21,216,043 256,139 8,959,008	- (1,037) (816)	(9,156,548) (159,664) (1,770,565)	(5,429) (22,278)	12,059,495 90,009 7,165,349
	Rs	30,431,190	(1,853)	(11,086,777)	(27,707)	19,314,853
(In thousands of rupee)	_			2017		
	-	Acquisition cost	Government grants	Accumulated amortization	Accumulated impairment losses	Book value
Development cost Patents Other intangible assets	Rs -	18,743,419 244,876 8,595,031	- (1,124) (1,268)	(7,117,029) (141,029) (1,656,035)	(4,815) (22,278)	11,626,390 97,908 6,915,450
	Rs	27,583,326	(2,392)	(8,914,093)	(27,093)	18,639,748

June 30, 2018 and 2017

12. Intangible Assets, Continued

(2) Changes in intangible assets for the six-month periods ended June 30, 2018 and 2017 are as follows:

(In thousands of won)

					2018			
	-	Beginning balance	Acquisition	Amortization	Impairment	Transfer	Others(*)	Ending balance
Internally crea	ted in	tangible asset	s:					
Development								
cost	₩	189,161,365	-	(33,182,979)	-	40,229,595	-	196,207,981
Other intangibl	е							
assets	_	104,765,437	44,306,232	-	-	(40,229,595)	1,356,042	110, 198, 116
	₩	293,926,802	44,306,232	(33,182,979)	-	-	1,356,042	306,406,097
Individually a	cquire	d intangible as	sets:					
Patents		1,592,985	183,237	(301,758)	(9,998)	-	-	1,464,466
Other intangib	le							
assets	_	7,748,933	489,233	(1,856,064)	-	-	-	6,382,102
	_	9,341,918	672,470	(2,157,822)	(9,998)	-	-	7,846,568
	₩	303,268,720	44,978,702	(35,340,801)	(9,998)		1,356,042	314,252,665

(In thousands of won)

				2	2017			
	Beginning balance	Acquisition	Disposal	Amortization	Impairment	Transfer	Others(*)	Ending balance
	ted intangible as	sets:						
Development				(
cost	₩ 101,512,605	-	-	(19,397,965)	-	109,624,135	-	191,738,775
Other intangible	e							
assets	123,384,189	54,334,386	-	-	-	(109,624,135)	715,616	68,810,056
	₩ 224,896,794	54,334,386	-	(19,397,965)	-	-	715,616	260,548,831
Individually ac	quired intangible	assets:						
Patents	1,709,533	262,412	-	(286,480)	(9,929)	-	-	1,675,536
Other intangible	e							
assets	7,738,171	2,225,453	(763,636)	(1,887,433)	213,636	-	-	7,526,191
	9,447,704	2,487,865	(763,636)	(2,173,913)	203,707	-	-	9,201,727
	₩ 234,344,498	56,822,251	(763,636)	(21,571,878)	203,707		715,616	269,750,558

(*) Capitalized borrowing costs in respect of other intangible assets is ¥ 1,356,042 thousand and ¥ 715,616 thousand for the six-month periods ended June 30, 2018 and 2017, respectively.

June 30, 2018 and 2017

12. Intangible Assets, Continued

(2) Changes in intangible assets for the six-month periods ended June 30, 2018 and 2017 are as follows, continued:

(In thousands of rupee)

					2018			
	Beginning balance Acquisition Amortization		Impairment	Transfer	Others(*)	Ending balance		
Internally creat	ed int	angible assets	s:					
Development cost Other intangible	Rs	11,626,390	-	(2,039,519)	-	2,472,624	-	12,059,495
assets		6,439,179	2,723,186	-	-	(2,472,624)	83,346	6,773,087
	Rs	18,065,569	2,723,186	(2,039,519)	-	-	83,346	18,832,582
Individually acc	uired	intangible as	sets:					
Patents	•	97,908	11,262	(18,547)	(614)	-	-	90,009
Other intangible assets	e	476,271	30,070	(114,079)	-	-	-	392,262
	-	574,179	41,332	(132,626)	(614)	-	-	482,271
	Rs	18,639,748	2,764,518	(2,172,145)	(614)		83,346	19,314,853

(In thousands of rupee)

				2	2017			
	Beginning balance	Acquisition	Disposal	Amortization	Impairment	Transfer	Others(*)	Ending balance
Internally created i	ntangible ass	ets:						
Development	-							
cost R	6,239,250	-	-	(1,192,253)	-	6,737,808	-	11,784,805
Other intangible								
assets	7,583,540	3,339,544	-	-	-	(6,737,808)	43,984	4,229,260
R	3 13,822,790	3,339,544	-	(1,192,253)	-	-	43,984	16,014,065
Individually acquir	ed intangible	assets:						
Patents	105,073	16,129	-	(17,608)	(610)	-	-	102,984
Other intangible								
assets	475,610	136,783	(46,935)	(116,007)	13,131	-	-	462,582
	580,683	152,912	(46,935)	(133,615)	12,521	-	-	565,566
R	s 14,403,473	3,492,456	(46,935)	(1,325,868)	12,521	_	43,984	16,579,631

(*) Capitalized borrowing costs in respect of other intangible assets is Rs 83,346 thousand and Rs 43,984 thousand for the six-month periods ended June 30, 2018 and 2017, respectively.

June 30, 2018 and 2017

12. Intangible Assets, Continued

(3) Details of capitalized development costs as of June 30, 2018 are as follows:

(In thousands of won and in thousands of rupee)

	Project name		Korean won	_	Indian rupee	Remaining amortization period
Development cost	RV(*1)	₩	166,755,405	Rs	10,250,486	2~5 years
	Power train and others		29,432,577		1,809,009	2~5 years
Other intangible	RV(*2)		98,135,692		6,031,695	-
assets	Power train and others		12,062,423		741,391	-
		₩	306,406,097	Rs	18,832,581	

(*1) Development projects for vehicles that have been completed, which are on sale as of June 30, 2018.

(*2) On-going development project for vehicles as of June 30, 2018 for consumer needs and market conditions.

(4) Details of expenditures for research and developments for the six-month periods ended June 30, 2018 and 2017 are as follows:

(In thousands of won and in thousands of rupee)

		Korea	n won	Indian rupee		
	_	2018	2017	2018	2017	
Capitalization of intangible assets Manufacturing costs Selling and administrative expenses	₩.	45,662,274 32,260,681 8,157,690	55,050,002 Rs 28,431,243 9,690,938	2,806,532 1,982,832 501,395	3,383,528 1,747,464 595,632	
	₩_	86,080,645	93,172,183 Rs	5,290,759	5,726,624	

June 30, 2018 and 2017

13. Borrowings

(1) Details of short-term borrowings as of June 30, 2018 and December 31, 2017 are as follows:

(In thousands of won and in thousands of rupee)

				Korean won			Indian	rupee
Creditor	Туре	Interest rate (%)		2018	2017	-	2018	2017
Korea Development Bank	Operating fund	CD+1.98	₩	30,000,000	30,000,000	Rs	1,843,884	1,843,884
Woori Bank	Operating fund(*)	CD+2.00		7,500,000	12,500,000		460,971	768,285
Citibank Korea and others	Banker's usance	0.30 ~ 3.31	_	116,177,857	121,340,987	_	7,140,619	7,457,959
			₩_	153,677,857	163,840,987	Rs	9,445,474	10,070,128

(*) Current portion of long-term borrowing

(2) Details of long-term borrowing as of June 30, 2018 and December 31, 2017 are as follows:

(In thousands of won and in thousands of rupee)

				Korea	n won	Indian rupee		
Creditor	Туре	Interest rate(%)		2018	2017	2018	2017	
Korea Development	Facility							
Bank	fund	CD+1.57	₩	70,000,000	70,000,000 Rs	4,302,397	4,302,397	
	Operating							
Woori Bank	fund	CD+2.00		7,500,000	12,500,000	460,971	768,285	
Less: Current portion				(7,500,000)	(12,500,000)	(460,971)	(768,285)	
			-					
			₩	70,000,000	70,000,000 Rs	4,302,397	4,302,397	

(3) Details of pledged assets as collateral for borrowings as of June 30, 2018 are as follows:

(In thousands of won)

Creditor	Pledged assets		Borrowings amount	Maximum credit amount
Korea Development Bank Woori Bank	Land, buildings, structures and machinery Land, buildings and machinery	₩	100,000,000 7,500,000	195,000,000 72,000,000
		₩	107,500,000	267,000,000

(In thousands of rupee)

Creditor	Pledged assets		Borrowings amount	Maximum credit amount
Korea Development Bank Woori Bank	Land, buildings, structures and machinery Land, buildings and machinery	Rs	6,146,281 460,971	11,985,249 4,425,323
		Rs	6,607,252	16,410,572

June 30, 2018 and 2017

14. Other Financial Liabilities

Details of other financial liabilities as of June 30, 2018 and December 31, 2017 are as follows:

(In thousands of won and in thousands of rupee)

		Korean won		Indian rupee	
		2018	2017	2018	2017
Accrued expenses	₩	29,652,633	37,164,320 Rs	1,822,534	2,284,224

15. Provision of Warranty for sale

The Company generally provides warranty for each product sold and accrues warranty expense at the time of sale based on the history of actual claims. Changes in provision of warranty for sale for sixmonth periods ended June 30, 2018 and 2017 are as follows:

(In thousands of won and in thousands of rupee)

		Korean won		Indian rupee	
	_	2018	2017	2018	2017
Beginning balance	₩	146,239,557	145,848,984 Rs	8,988,295	8,964,290
Increase		8,728,367	20,237,773	536,470	1,243,870
Decrease		(19,579,800)	(20,979,777)	(1,203,430)	(1,289,476)
Ending balance	₩	135,388,124	145,106,980 Rs	8,321,335	8,918,684
Current Non-current	₩	47,622,669 87,765,455	51,938,914 Rs 93,168,066	2,927,023 5,394,312	3,192,312 5,726,372

16. Other Liabilities

Details of other liabilities as of June 30, 2018 and December 31, 2017 are as follows:

(In thousands of won)

		2018		2017	
	_	Current	Non-current	Current	Non-current
Advances from customers	₩	5,338,759	-	3,943,130	-
Deposits received		539,439	-	531,789	-
Withholdings		26,275,356	-	30,670,693	-
Deferred income		4,555,222	5,975,755		
	₩	36,708,776	5,975,755	35,145,612	

(In thousands of rupee)

		2018		2017	
	_	Current	Non-current	Current	Non-current
Advances from customers	Rs	328,135	-	242,357	-
Deposits received		33,155	-	32,685	-
Withholdings		1,614,958	-	1,885,107	-
Deferred income	_	279,977	367,287	-	
	Rs	2,256,225	367,287	2,160,149	-

June 30, 2018 and 2017

17. Employee Benefits

(1) Details of defined benefit liabilities as of June 30, 2018 and December 31, 2017 are as follows:

(In thousands of won and in thousands of rupee)

	_	Korean won		Indian rupee	
	_	2018	2017	2018	2017
Present value of defined benefit obligations	₩	295,630,658	285,658,090 Rs	18,170,293	17,557,351
Fair value of plan assets		(1,038,398)	(1,094,967)	(63,823)	(67,300)
	₩	294,592,260	284,563,123 Rs	18,106,470	17,490,051

(2) Changes in defined benefit liabilities for the six-month periods ended June 30, 2018 and 2017 are as follows:

(In thousands of won)

(In thousands of won)	2018					
Details		PV of defined benefit obligation	Plan assets	Total		
Beginning balance	₩	285,658,090	(1,094,967)	284,563,123		
Current service cost		18,160,402	-	18,160,402		
Interest expense (income)		4,446,175	(17,017)	4,429,158		
Sub-total	₩	308,264,667	(1,111,984)	307,152,683		
Re-measurement factors:	-					
Re-measurements of plan assets		-	6,548	6,548		
Sub-total	₩	-	6,548	6,548		
Benefit paid by plan		(67,038)	67,038	-		
Benefit paid directly	-	(12,566,971)		(12,566,971)		
Ending balance	₩_	295,630,658	(1,038,398)	294,592,260		

(In thousands of won)

(In thousands of won)	2017					
Details		PV of defined benefit obligation	Plan assets	Total		
Beginning balance	₩	280,792,667	(1,183,467)	279,609,200		
Current service cost		18,774,537	-	18,774,537		
Interest expense (income)		4,031,924	(16,975)	4,014,949		
Sub-total	₩	303,599,128	(1,200,442)	302,398,686		
Re-measurement factors:						
Re-measurements of plan assets		-	5,716	5,716		
Sub-total	₩	-	5,716	5,716		
Benefit paid by plan		(74,442)	74,442	-		
Benefit paid directly	-	(13,244,547)		(13,244,547)		
Ending balance	₩_	290,280,139	(1,120,284)	289,159,855		

June 30, 2018 and 2017

17. Employee Benefits, Continued

- (2) Changes in defined benefit liabilities for the years ended December 31, 2017 and 2016 are as follows, continued:
 - (In thousands of rupee)

(In thousands of rupee)		2018				
Details		PV of defined benefit obligation	Plan assets	Total		
Beginning balance Current service cost	Rs	17,557,351 1,116,189	(67,300)	17,490,051 1,116,189		
Interest expense (income) Sub-total Re-measurement factors:	Rs	273,274 18,946,814	(1,046) (68,346)	<u> </u>		
Re-measurements of plan assets Sub-total	Rs	-	403 403	<u>403</u> 403		
Benefit paid by plan Benefit paid directly	-	(4,120) (772,401)	4,120	(772,401)		
Ending balance	Rs_	18,170,293	(63,823)	18,106,470		

(In thousands of rupee)

(In thousands of rupee)	2017					
Details		PV of defined benefit obligation	Plan assets	Total		
Beginning balance	Rs	17,258,308	(72,739)	17,185,569		
Current service cost		1,153,936	-	1,153,936		
Interest expense (income)		247,813	(1,043)	246,770		
Sub-total	Rs	18,660,057	(73,782)	18,586,275		
Re-measurement factors:	-					
Re-measurements of plan assets		-	351	351		
Sub-total	Rs	-	351	351		
Benefit paid by plan		(4,575)	4,575	-		
Benefit paid directly	-	(814,047)	-	(814,047)		
Ending balance	Rs	17,841,435	(68,856)	17,772,579		

(3) The components of plan assets as of June 30, 2018 and December 31, 2017 are as follows:

(In thousands of won and in thousands of rupee)

		Korean won		Indian rupee	
		2018	2017	2018	2017
Insurance contracts	₩	1,038,398	1,094,967 Rs	63,823	67,300

June 30, 2018 and 2017

17. Employee Benefits, Continued

(4) Actuarial assumptions used related to plans as of June 30, 2018 and December 31, 2017 are as follows:

	2018	2017
Discount rate (%)	3.15	3.15
Rate of future salary growth (%)	3.94	3.94

The discount rate is the market yield at the end of the reporting year on high quality corporate bonds(AA+) that have maturity which approximates the terms of the Company's obligations and that are denominated in the same currency in which the benefits are expected to be paid. The discount rate for the calculation of the present value of defined benefit obligations is also used as expected return on plan assets.

18. Commitments and Contingencies

Details of commitments and contingencies as of June 30, 2018 are as follows:

- (1) The Company carries product liability insurance for all products that it sells.
- (2) As of June 30, 2018, the Company has agreements with Korea Development Bank and others for various borrowings, trading finance and others with limit of ₩ 239,500 million(Rs 14,720 million) and USD 260 million.
- (3) As of June 30, 2018, the Company has been provided with guarantees amounting to USD 896,649 by Standard Chartered Bank Korea Limited in connection with refunds for advance received and performing transactions.
- (4) As of June 30, 2018, two claims as a plaintiff were filled with the claim amount of ₩ 2,458 million (Rs 151 million) and seven claims as a defendant were filled with the claims of ₩ 3,134 million (Rs 193 million). The Company made a reasonable estimate by considering the possibility and amount of outflow of resources, and recognized the provision of ₩ 6,136 million (Rs 377 million) as other payable for the foregoing lawsuits and claims.

19. Capital Stock

The Company's capital stock as of June 30, 2018 and December 31, 2017 are as follows:

(In thousands of won and in thousands of rupee, except for par value and share information)

	_	Korear	n won	Indian rupee		
	-	2018	2017	2018	2017	
Number of shares authorized		3,000,000,000	3,000,000,000	3,000,000,000	3,000,000,000	
Shares outstanding		137,949,396	137,949,396	137,949,396	137,949,396	
Par value		5,000	5,000	307	307	
Capital stock	₩	689,746,980	689,746,980 Rs	42,393,791	42,393,791	

June 30, 2018 and 2017

20. Other Capital Surplus and Retained Earnings

Details of other capital surplus and retained earnings as of June 30, 2018 and December 31, 2017 are as follows:

(In thousands of won and in thousands of rupee)

	Korean won		Indian rupee	
-	2018	2017	2018	2017
Paid-up capital in excess of par value $~~$ $~~$	12,916,273	12,916,273 Rs	793,871	793,871
Gain on capital reduction	74,061,697	118,189,001	4,552,041	7,264,229
Debt to be swapped for equity	931,508	931,508	57,252	57,252
Gain on disposal of treasury stock	-	1,105,138		67,925
₩_	87,909,478	<u>133,141,920</u> Rs	5,403,164	8,183,277

21. Other Equity

(1) Details of the Company's other equity as of June 30, 2018 and December 31, 2017 are as follows:

(In thousands of won and in thousands of rupee)

		Korean	won	Indian rupee	
	_	2018	2017	2018	2017
Gains on valuation of derivatives	₩	156,970	- Rs	9,648	-

(2) Changes in the Company's gains (losses) on valuation of derivatives for the six-month periods ended June 30, 2018 and 2017 are as follows:

(In thousands of won and in thousands of rupee)

		Korean	won	Indian rupee	
		2018	2017	2018	2017
Beginning balance Gains on valuation of derivatives Reclassified to net income	₩	- 156,970 -	(2,574,700) Rs 585,940 2,589,380	9,648 -	(158,248) 36,014 159,151
Ending balance	₩	156,970	600,620 Rs	9,648	36,917

June 30, 2018 and 2017

22. Accumulated deficit

(1) Details of deficit as of June 30, 2018 and December 31, 2017 are as follows:

(In thousands of won and in thousands of rupee)

	_	Korean won		Indian rupee	
	-	2018	2017	2018	2017
Deficit	₩	(40,800,213)	(45,232,442) Rs	(2,507,696)	(2,780,113)

(2) Changes in deficit for the six-month periods ended June 30, 2018 and 2017 are as follows:

(In thousands of won and in thousands of rupee)

	_	Korea	n won	Indian rupee		
	_	2018	2017	2018	2017	
Beginning balance ↓	A	(45,232,442)	4,965,820 Rs	(2,780,113)	305,213	
Loss for the period		(40,793,665)	(19,294,032)	(2,507,293)	(1,185,866)	
Defined benefit plan re-measurement		(6,548)	(5,716)	(403)	(351)	
Disposition of deficit		45,232,442	<u> </u>	2,780,113	-	
Ending balance	₩_	(40,800,213)	(14,333,928) Rs	(2,507,696)	(881,004)	

23. Income Tax Expense

Income tax expense and deferred income tax assets related to the temporary differences, deficit carried forward and tax credit carried forward are not recognized as of June 30, 2018.

June 30, 2018 and 2017

24. Nature of Expenses

Details of nature of expenses for the three-month and six-month periods ended June 30, 2018 and 2017 are as follows:

(In thousands of won)

		20 ′	18	2017		
	_	Three-month period	Six-month period	Three-month period	Six-month period	
Changes in inventories Raw materials consumed and	₩	6,635,781	(4,231,844) 🙀	(29,083,065)	(67,285,388)	
purchase of merchandise		638,362,786	1,190,822,169	621,629,141	1,188,176,636	
Employee benefits		135,900,422	264,273,809	131,173,620	258,661,568	
Depreciation		35,098,341	70,310,413	32,244,648	60,655,992	
Amortization		17,662,675	35,340,803	12,555,528	21,571,878	
Others		114,206,228	229,259,282	139,415,718	249,337,330	
	₩	947,866,233	1,785,774,632 W	907,935,590	1,711,118,016	

(In thousands of Rupee)

		201	18	2017		
		Three-month period	Six-month period	Three-month period	Six-month period	
Changes in inventories Raw materials consumed and	Rs	407,854	(260,101) Rs	(1,787,527)	(4,135,549)	
purchase of merchandise		39,235,574	73,191,283	38,207,077	73,028,681	
Employee benefits		8,352,822	16,243,012	8,062,300	15,898,068	
Depreciation		2,157,243	4,321,476	1,981,847	3,728,088	
Amortization		1,085,598	2,172,145	771,698	1,325,868	
Others		7,019,435	14,090,921	8,568,882	15,324,975	
	Rs	58,258,526	109,758,736 Rs	55,804,277	105,170,131	

Total expenses are equal to the sum of cost of sales and selling, general and administrative expenses.

25. Derivatives

The Company holds derivative contracts to minimize foreign exchange risk. As of June 30, 2018, effective portion of changes in fair value of cash flow hedge is W 156,970 thousand (Rs 9,648 thousand) classified as other equity. Ineffective portion of change in fair value of cash flow hedge recognized in current profit or loss is net amounting to W 1,011,315 thousand (Rs 62,158 thousand) recognized in current profit. And, changes in fair value of derivative not designated as hedging instrument for the six-month period ended June 30, 2018 are net amounting to W 37,250 thousand (Rs 2,289 thousand) recognized in current loss.

June 30, 2018 and 2017

26. Selling, General and Administrative Expenses

- (1) Details of selling expenses for the three-month and six-month periods ended June 30, 2018 and 2017 are as follows:
 - (In thousands of won)

		201	8	2017			
	-	Three-month period	Six-month period	Three-month period	Six-month period		
Warranty expenses	₩	9,711,123	18,835,998 W	19,954,963	30,837,065		
Commissions		59,449,970	109,335,109	63,107,525	114,209,794		
Advertising		3,710,379	10,632,934	5,510,065	10,846,175		
Export expenses		1,881,439	3,331,568	6,575,265	15,491,474		
Others	_	4,812,892	11,964,795	10,184,994	20,016,469		
	₩	79,565,803	154,100,404 ₩	105,332,812	191,400,977		

(In thousands of Rupee)

		201	8	2017			
		Three-month period	Six-month period	Three-month period	Six-month period		
Warranty expenses	Rs	596,873	1,157,713 Rs	1,226,488	1,895,333		
Commissions		3,653,963	6,720,044	3,878,766	7,019,655		
Advertising		228,050	653,530	338,664	666,636		
Export expenses		115,639	204,768	404,134	952,150		
Others		295,813	735,390	625,999	1,230,269		
	Rs	4,890,338	9,471,445 Rs	6,474,051	11,764,043		

(2) Details of general and administrative expenses for the three-month and six-month periods ended June 30, 2018 and 2017 are as follows:

(In thousands of won)		201	18	20 ⁷	17
		Three-month period	Six-month period	Three-month period	Six-month period
Salaries	₩	13,346,342	26,026,869 ₩	12,785,759	25,757,174
Retirement benefit costs		1,479,390	2,943,168	1,430,544	2,859,492
Employee welfare		2,963,342	5,819,401	2,873,985	5,732,199
Rent expense		2,988,984	5,985,084	2,892,363	5,701,393
Service fees		8,839,132	18,219,210	9,505,080	17,253,707
Depreciation		3,792,039	7,734,193	3,359,313	6,129,307
R&D expenses		4,218,369	8,157,690	4,190,121	9,690,938
Amortization		985,794	2,072,432	1,029,477	2,173,913
Bad debt expense		10,389	1,857	3,925	(66,331)
Others		9,383,184	16,878,386	9,509,844	16,904,546
	W	48,006,965	93,838,290 W	47,580,411	92,136,338

June 30, 2018 and 2017

26. Selling, General and Administrative Expenses, Continued

(2) Details of general and administrative expenses for the three-month and six-month periods ended June 30, 2018 and 2017 are as follows, continued:

(In thousands of rupee)

		201	8	201	17
		Three-month period	Six-month period	Three-month period	Six-month period
Salaries	Rs	820,304	1,599,685 Rs	785,849	1,583,108
Retirement benefit costs		90,927	180,895	87,925	175,752
Employee welfare		182,135	357,677	176,643	352,317
Rent expense		183,711	367,860	177,773	350,424
Service fees		543,278	1,119,804	584,209	1,060,461
Depreciation		233,069	475,365	206,473	376,724
R&D expenses		259,273	501,395	257,537	595,632
Amortization		60,590	127,378	63,275	133,615
Bad debt expense		639	114	241	(4,077)
Others		576,717	1,037,392	584,501	1,039,003
	Rs	2,950,643	5,767,565 Rs	2,924,426	5,662,959

27. Other Income and Expenses

- (1) Details of other income for the three-month and six-month periods ended June 30, 2018 and 2017 are as follows:
 - (In thousands of won)

	2018	3	2017		
	Three-month period	Six-month period	Three-month period	Six-month period	
Foreign exchange transaction gain W Foreign exchange translation gain Gain on disposal of property, plant	1,358,928 (123,573)	2,861,641 ₩ 413,667	3,037,788 358,916	6,682,318 933,673	
and equipment Others	117,272 894,584	129,845 2,223,764	39,471 5,936,169	45,383 9,768,760	
\mathbf{W}	2,247,211	5,628,917 W	9,372,344	17,430,134	

(In thousands of rupee)

	2018	3	2017		
	Three-month period	Six-month period	Three-month period	Six-month period	
Foreign exchange transaction gain Rs Foreign exchange translation gain Gain on disposal of property, plant	83,524 (7,595)	175,885 Rs 25,425	186,711 22,060	410,714 57,386	
and equipment Others	7,208 54,982	7,981 136,679	2,425 364,854	2,790 600,415	
Rs	138,119	<u>345,970</u> Rs	576,050	1,071,305	

June 30, 2018 and 2017

27. Other Income and Expenses, Continued

(2) Details of other expenses for the three-month and six-month periods ended June 30, 2018 and 2017 are as follows:

(In thousands of won)

		201	8	2017		
		Three-month period	Six-month period	Three-month period	Six-month period	
Foreign exchange transaction loss	₩	1,465,055	3,038,336 ₩	1,941,785	6,092,640	
Foreign exchange translation loss Loss on disposal of property, plant		509,014	621,435	(855,648)	552,463	
and equipment		25,821	135,562	23,806	34,115	
Loss on disposal of trade receivables		14,892	37,642	3,936,260	7,308,780	
Others		767,345	977,604	375,910	1,229,995	
	₩	2,782,127	4,810,579 W	5,422,113	15,217,993	

In thousands of rupee)

		2018			2017		
		Three-month period	Six-month period		Three-month period	Six-month period	
Foreign exchange transaction loss Foreign exchange translation loss	Rs	90,046 31,285	186,745 38,195	Rs	119,348 (52,591)	374,471 33,956	
Loss on disposal of property, plant and equipment		1,587	8,332		1,463	2,097	
Loss on disposal of trade receivables		915	2,314		241,934	449,218	
Others		47,164	60,086		23,104	75,599	
	Rs	170,997	295,672	Rs	333,258	935,341	

June 30, 2018 and 2017

28. Finance Income and Costs

- (1) Details of finance income for the three-month and six-month periods ended June 30, 2018 and 2017 are as follows:
 - (In thousands of won)

		201	8	2017		
		Three-month period	Six-month period	Three-month period	Six-month period	
Interest income	₩	465,240	1,013,200 ₩	582,899	1,369,701	
Dividend income		5,000	11,000	-	6,000	
Foreign exchange transaction gain		1,578,046	2,746,501	3,640,293	4,648,779	
Foreign exchange translation gain		134,070	406,661	(4,361,379)	279,115	
Realized gain of financial derivatives		1,382,880	2,492,747	4,520,366	7,257,248	
Unrealized gain of financial derivatives		940,347	1,011,315	(416,794)	167,161	
	₩	4,505,583	<u>7,681,424</u> ₩	3,965,385	13,728,004	

(In thousands of rupee)

		201	8	2017		
		Three-month period	Six-month period	Three-month period	Six-month period	
Interest income	Rs	28,595	62,274 Rs	35,827	84,186	
Dividend income		307	676	-	369	
Foreign exchange transaction gain		96,991	168,808	223,743	285,727	
Foreign exchange translation gain		8,240	24,995	(268,063)	17,155	
Realized gain of financial derivatives		84,996	153,211	277,834	446,051	
Unrealized gain of financial derivatives		57,797	62,158	(25,617)	10,274	
	Rs	276,926	472,122 Rs	243,724	843,762	

(2) Details of finance costs for the three-month and six-month periods ended June 30, 2018 and 2017 are as follows:

(In thousands of won)

		2018	3	2017		
		Three-month period	Six-month period	Three-month period	Six-month period	
Interest expense	₩	92,016	497,307 ₩	256,597	476,150	
Foreign exchange transaction loss		2,677,363	5,970,587	273,615	2,765,969	
Foreign exchange translation loss		(759,761)	2,645,174	3,270,369	3,271,683	
Realized loss of financial derivatives		889,190	1,025,788	1,512,055	2,161,664	
Unrealized loss of financial derivatives		(297,870)	37,250	630,024	4,127,457	
	₩	2,600,938	10,176,106 ₩	5,942,660	12,802,923	

(In thousands of rupee)

Interest expense Foreign exchange transaction loss Foreign exchange translation loss Realized loss of financial derivatives Unrealized loss of financial derivatives

	2018	8		201	7
	Three-month period	Six-month period		Three-month period	Six-month period
Rs	5,656	30,566	Rs	15,771	29,266
	164,558	366,969		16,817	170,004
	(46,697)	162,580		201,006	201,087
	54,652	63,048		92,935	132,862
	(18,308)	2,289		38,724	253,685
Rs	159,861	625,452	Rs	365,253	786,904

June 30, 2018 and 2017

28. Finance Income and Costs, Continued

- (3) Details of the Company's financial net profit or loss for the three-month and six-month periods ended June 30, 2018 and 2017 are as follows:
 - (In thousands of won)

		2018			2017		
		Three-month period	Six-month period		Three-month period	Six-month period	
Amortised cost of financial assets and financial liabilities	₩	167,738	(4,946,706)	₩	(3,938,767)	(216,207)	
AFS financial assets		5,000	11,000		-	6,000	
Derivatives		1,731,907	2,441,024		1,961,492	1,135,288	
	₩	1,904,645	(2,494,682)	₩	(1,977,275)	925,081	

(In thousands of rupee)

		2018			2017		
		Three-month period	Six-month period		Three-month period	Six-month period	
Amortised cost of financial assets and financial liabilities AFS financial assets	Rs	10,309 307	(304,038) 676	Rs	(242,087)	(13,289) 369	
Derivatives		106,449	150,032	-	120,558	69,778	
	Rs	117,065	(153,330)	Rs	(121,529)	56,858	

June 30, 2018 and 2017

29. Losses per Share

(1) Basic losses per share for the three-month and six-month periods ended June 30, 2018 and 2017 are calculated as follows:

(In thousands of won, except per share information)

		20	18	2017			
	-	Three-month period	Six-month period	Three-month period	Six-month period		
Loss for the period Loss contributed to common	₩	(6,626,776)	(40,793,665) ₩	(4,449,677)	(19,294,032)		
stocks Weighted average number of		(6,626,776)	(40,793,665)	(4,449,677)	(19,294,032)		
common shares Basic losses per share(*)	₩	137,949,396 (48)	137,949,396 (296) ₩	137,949,396 (32)	137,651,229 (140)		

(In thousands of rupee, except per share information)

		20 [°]	18	2017		
		Three-month period	Six-month period	Three-month period	Six-month period	
Loss for the period Loss contributed to common	Rs	(407,300)	(2,507,293) Rs	(273,490)	(1,185,866)	
stocks Weighted average number of		(407,300)	(2,507,293)	(273,490)	(1,185,866)	
common shares Basic losses per share(*)	Rs	137,949,396 (3)	137,949,396 (18) Rs	137,949,396 (2)	137,651,229 (9)	

(*) Diluted losses per share are not calculated ended June 30, 2018 and 2017, because there are no dilutive shares as of June 30, 2018 and 2017.

(2) Weighted average number of common shares outstanding ended June 30, 2018 and 2017 are calculated as follows:

		201	8	
	Outstanding period	Common shares issued	Weighted-average	Common shares outstanding
Beginning	2018-01-01 ~ 2018-06-30	137,949,396	181/181	137,949,396
		201	7	
	Outstanding period	Common shares issued	Weighted-average	Common shares outstanding
Beginning Issuing	2017-01-01 ~ 2017-03-15 2017-03-16 ~ 2017-06-30	137,220,096 137,949,396		56,101,034 81,550,195 137,651,229

June 30, 2018 and 2017

30. Cash Flows

(1) Details of cash flows from operating activities for the six-month periods ended June 30, 2018 and 2017 are as follows:

(In thousands of won and in thousands of rupee)

(In thousands of won and in thousands of rupee)	Korea	Korean won		Indian rupee	
	2018	2017	2018	2017	
Loss for the period	₩ (40,793,665)	(19,294,032) Rs	(2,507,293)	(1,185,866)	
Adjustments for:					
Retirement benefit costs	22,589,560	22,789,486	1,388,417	1,400,706	
Depreciation	70,310,413	60,655,992	4,321,476	3,728,088	
Amortization	35,340,801	21,571,878	2,172,145	1,325,868	
Losses on disposal of trade receivables	37,642	7,308,780	2,314	449,218	
Foreign exchange translation gain and					
loss, net	2,446,281	2,611,358	150,355	160,502	
Losses (Gains) on disposal of property,					
plant and equipment	5,717	(11,268)	351	(693)	
Interest expense and income, net	(515,893)	(893,551)	(31,708)	(54,920)	
Dividends income	(11,000)	(6,000)	(676)	(369)	
Unrealized gain and loss of financial					
derivatives, net	(974,065)	3,960,296	(59,869)	243,411	
Losses on valuation of inventories	2,448,692	1,761,213	150,504	108,249	
Increase in provision of warranty for sale	8,728,367	20,237,773	536,470	1,243,870	
Others	187,555	(253,774)	11,528	(15,596)	
	140,594,070	139,732,183	8,641,307	8,588,334	
Changes in assets and liabilities					
Trade receivables	28,308,992	54,775,812	1,739,950	3,366,676	
Other receivables	616,521	877,331	37,893	53,923	
Inventories	12,121,225	(66,670,384)	745,005	(4,097,749)	
Trade payables	(56,770,289)	(30,850,340)	(3,489,262)	(1,896,149)	
Other payables	(29,855,094)	50,302,476	(1,834,978)	3,091,732	
Accrued expenses	(7,513,445)	(5,979,932)	(461,797)	(367,543)	
Usage of provision of warranty for sale	(19,579,800)	(20,979,777)	(1,203,430)	(1,289,476)	
Payment of retirement benefits Others	(12,566,971)	(13,244,547)	(772,401)	(814,047)	
Others	1,796,927	394,626	110,444	24,253	
	(83,441,934)	(31,374,735)	(5,128,576)	(1,928,380)	
Net cash provided by operating					
activities	₩ 16,358,471	89,063,416 Rs	1,005,438	5,474,088	

(2) Significant non-cash activities for the six-month periods ended June 30, 2018 and 2017 are as follows:

(In thousands of won and in thousands of rupee)

	_	Korean	won	Indian rupee	
	_	2018	2017	2018	2017
Changes in other payables related to the acquisition of property, plant and equipment	₩	(21,232,722)	(10,243,342)	Rs (1,305,023)	(629,585)

June 30, 2018 and 2017

30. Cash Flows, Continued

(3) Adjustment of liabilities from financing activities

Changes in liabilities from financial activities for the six-month periods ended June 30, 2018 is as follows:

(In thousands of won)		Beginning balance	Increase	Decrease	Liquidity	Exchange rate effect	Ending balance
Banker's usance(*) Short-term borrowings Long-term borrowings	₩	121,340,987 42,500,000 70,000,000	- -	(7,401,643) (5,000,000) -	- - -	2,238,513 - -	116,177,857 37,500,000 70,000,000
	₩	233,840,987		(12,401,643)		2,238,513	223,677,857
(In thousands of rupee)		Beginning balance	Increase	Decrease	Liquidity	Exchange rate effect	Ending balance
Banker's usance(*) Short-term borrowings	Rs	7,457,959 2,612,170	-	(454,926) (307,314)	-	137,585	7,140,618 2,304,856

(762, 240)

4,302,397

13,747,871

137,585

(*) The changes in usance borrowings are presented by net amounts.

4,302,397

14,372,526

Rs

31. Segment Information

Long-term borrowings

- (1) The Company determined itself as a single reportable segment by considering the nature of goods and service as well as the characteristic of assets providing service. The Company has not disclosed operating income or loss, profit or loss before income taxes and total assets and liabilities by reportable segment.
- (2) Geographic sales information of the Company for the six-month periods ended June 30, 2018 and 2017 are as follows:

(In thousands of won and in thousands of rupee)

		Korear	n won	Indian rupee		
Sales region		2018	2017	2018	2017	
Republic of Korea	₩	1,423,744,143	1,355,091,828 Rs	87,507,323	83,287,758	
Europe		158,798,328	168,204,605	9,760,192	10,338,329	
Asia Pacific		29,238,642	67,860,524	1,797,089	4,170,899	
Others	_	134,876,198	97,529,805	8,289,871	5,994,457	
	₩_	1,746,657,311	1,688,686,762 Rs	107,354,475	103,791,443	

Non-current assets are not separately disclosed since those are located in Korea. Main customer over 10% of sales is not disclosed since most sales are occurred through contract with individual customer and authorized foreign agencies.

June 30, 2018 and 2017

31. Segment Information, Continued

(3) Information of sales of goods and service for the six-month ended June 30, 2018 and 2017 are as follows:

(In thousands of won and in thousands of rupee)

		Korean won		Indian rupee	
	-	2018	2017	2018	2017
Automobile	₩	1,544,094,598	1,512,375,783 Rs	94,904,401	92,954,873
Merchandise and parts		156,815,039	156,918,819	9,638,294	9,644,672
Others	_	45,747,674	19,392,160	2,811,780	1,191,898
	₩	1,746,657,311	1,688,686,762 Rs	107,354,475	103,791,443

(4) Balance of Contracts as of June 30, 2018 and December 31, 2017 are as follows:

(In thousands of won and in thousands of rupee)

		Korean won		Indian rupee	
	_	2018	2017	2018	2017
Receivables from contracts					
with customers	₩	172,067,701	197,176,300 Rs	10,575,765	12,119,010
Contract assets		910,000	3,958,500	55,931	243,301
Contract liabilities		12,963,048	1,776,567	796,745	109,193

The contract assets are related to technical service contracts which are executed over periods. The contract liabilities related to service warranties and transportation contracts that are executed over periods, that are recognized in deferred income and advances from customers.

32. Transactions and Balances with Related Parties

(1) Details of related parties as of June 30, 2018 are as follows:

Relationship	Company	
Parent	Mahindra & Mahindra Ltd.	
Subsidiaries	Ssangyong Motor (Shanghai) Co., Ltd.	
Subsidiaries	Ssangyong European Parts Center B.V.	
Joint venture	SY Auto Capital Co., Ltd.	
	Mahindra Vehicle Manufacturing Ltd.,	
Otherse	Mahindra Electric Mobility Ltd.,	
Others	Mahindra & Mahindra South Africa Ltd.,	
	PININFARINA S.p.A.	

Mahindra Vehicle

Africa Ltd.

Others

Manufacturing Ltd.

PININFARINA S.p.A.

Mahindra Electric Mobility Ltd.

Mahindra & Mahindra South

June 30, 2018 and 2017

32. Transactions and Balances with Related Parties, Continued

(2) Transactions with related parties for the six-month periods ended June 30, 2018 and 2017 are as follows:

(In thousands of wo	(nc				
Relationship	Company	Description		2018	2017
Parent	Mahindra & Mahindra Ltd.	Sales Other income Purchases Other expenses	₩	2,336,169 - 103,581 707,336	4,896,053 59,733 437,299 312,434
Subsidiaries	Ssangyong European Parts Center B.V. and other	Sales		5,782,041	5,659,469
Joint venture	SY Auto Capital Co., Ltd.	Other expenses		8,519,247	7,221,104
	Mahindra Vehicle Manufacturing Ltd.	Sales		3,819,365	382,170
Others	Mahindra Electric Mobility Ltd. Mahindra & Mahindra South Africa Ltd. PININFARINA S.p.A.	Other expenses Sales Other expenses Other expenses		2,439,828 30,755 - 419,324	- 48,628 15,828 726,374
(In thousands of ru	pee)				
Relationship	Company	Description		2018	2017
Parent	Mahindra & Mahindra Ltd.	Sales Other income Purchases Other expenses	Rs	143,588 - 6,366 43,475	300,925 3,671 26,878 19,203
Subsidiaries	Ssangyong European Parts Center B.V. and other	Sales		355,381	347,847
Joint venture	SY Auto Capital Co., Ltd.	Other expenses		523,617	443,829

Sales

Sales

Other expenses

Other expenses

Other expenses

234,749

149,959

1,890

25,773

23,489

2,989

44,645

973

_

June 30, 2018 and 2017

32. Transactions and Balances with Related Parties, Continued

(3) Account balances with related parties as of June 30, 2018 and December 31, 2017 are as follows:

(In thousands of w	on)			
Relationship	Company	Description	2018	2017
		Trade receivables ₩	1,118,095	4,120,559
Parent	Mahindra & Mahindra Ltd.	Other receivables	121,529	77,342
		Other payables	1,751,594	2,308,472
	Ssangyong European Parts Center	Trade receivables	13,342,355	15,239,822
Subsidiaries	B.V. and other	Other receivables	422,426	408,064
		Other payables	26,358	21,010
Joint venture	SY Auto Capital Co., Ltd.	Other payables	239,412	450,795
	Mahindra Vehicle	Trade receivables	1,653,746	37,279
	Manufacturing Ltd.	Other payables	2,750,000	-
Others	Mahindra Electric Mobility Ltd.	Other payables	10,512	-
	Mahindra & Mahindra South Africa Ltd.	Other payables	9,028	18,250
(In thousands of r	upee)			
Relationship	Company	Description	2018	2017
		Trade receivables Rs	68,721	253,261
Parent	Mahindra & Mahindra Ltd.	Other receivables	7,470	4,754
		Other payables	107,658	141,885
	Cooperane European Derte Conter	Trade receivables	820,059	936,682
Subsidiaries	Ssangyong European Parts Center B.V. and other	Other receivables	25,963	25,081
	B.v. and other	Other payables	1,620	1,291
Joint venture	SY Auto Capital Co., Ltd.	Other payables	14,715	27,707
	Mahindra Vehicle	Trade receivables	101,644	2,291
	Manufacturing Ltd.	Other payables	169,023	-
Others	Mahindra Electric Mobility Ltd.	Other payables	646	-
	Mahindra & Mahindra South	Other payables	555	1,122

Allowance for receivables from related parties are not recognized as of June 30, 2018 and December 31, 2017.

(4) No borrowing with related parties for the six-month periods ended June 30, 2018 and 2017.

(5) Executive compensation of the Company for the six-month periods ended June 30, 2018 and 2017, are as follows:

(In thousands of won and in thousands of rupee)

		Korean won		Indian rupee	
		2018	2017	2018	2017
Short-term employee benefits Retirement benefits	₩	3,582,746 245.306	3,964,898 Rs 204.960	220,206 15.077	243,694 12,597

June 30, 2018 and 2017

33. Financial Instruments

(1) Capital risk management

The Company manages capital risk in order to maximize shareholders' profit by maintaining sound or optimal capital structure through monitoring of financial ratios, such as debt-to-equity ratio on a monthly basis and implements capital structure improvement plan when necessary.

The Company uses debt ratio as a capital management index and calculates the ratio as total liabilities divided by total equity on financial statements. The Company is not subject to externally enforced capital regulation.

Debt-to-equity ratio as of June 30, 2018 and December 31, 2017 are as follows:

(In thousands of won and in thousands of rupee)

		Korean	won	Indian rupee		
	_	2018	2017	2018	2017	
Debt (A)	₩	1,353,674,849	1,472,319,718 Rs	83,200,667	90,492,881	
Equity (B)		737,013,215	777,656,458	45,298,907	47,796,955	
		183.67%	189.33%	183.67%	189.33%	

Debt-to-equity ratio (A/B)

(2) Details of financial assets and liabilities by category as of June 30, 2018 and December 31, 2017 are as follows:

1) Financial assets

(In thousands of won)		2018							
	_	Amortized cost	Financial assets at FVTPL	Derivatives designated to hedge cash flow	Total	Fair value			
Cash and cash equivalents Long-term financial	₩	100,740,104	-	-	100,740,104	100,740,104			
instruments Trade and other		4,000	-	-	4,000	4,000			
receivables		221,092,787	-	-	221,092,787				
AFS financial assets Derivative assets		-	560,000 984,219	- 487,327	560,000 1,471,546	560,000 1,471,546			
	₩	321,836,891	1,544,219	487,327	323,868,437	323,868,437			

(In thousands of won)		2017							
		Amortized cost	Financial assets at FVTPL	Total	Fair value				
Cash and cash equivalents Long-term financial	₩	212,521,514	-	212,521,514	212,521,514				
instruments Trade and other		4,000	-	4,000	4,000				
receivables AFS financial assets		249,625,174	- 560,000	249,625,174 560,000	249,625,174 560,000				
	₩	462,150,688	560,000	462,710,688	462,710,688				

June 30, 2018 and 2017

33. Financial Instruments, Continued

- (2) Details of financial assets and liabilities by category as of June 30, 2018 and December 31, 2017 are as follows, continued:
- 1) Financial assets, continued

(In thousands of rupee)		2018							
	_	Amortized cost	Financial assets at FVTPL	Derivatives designated to hedge cash flow	Total	Fair value			
Cash and cash equivalents Long-term financial	Rs	6,191,770	-	-	6,191,770	6,191,770			
instruments Trade and other		246	-	-	246	246			
receivables		13,588,985	-	-	13,588,985	13,588,985			
AFS financial assets		-	34,419	-	34,419	34,419			
Derivative assets	_	-	60,493	29,952	90,445	90,445			
	Rs	19,781,001	94,912	29,952	19,905,865	19,905,865			

(In thousands of rupee)		2017							
		Amortized cost	Financial assets at FVTPL	Total	Fair value				
Cash and cash equivalents Long-term financial	Rs	13,062,170	-	13,062,170	13,062,170				
instruments		246	-	246	246				
Trade and other receivables AFS financial assets	_	15,342,666	34,419	15,342,666 34,419	15,342,666 34,419				
	Rs_	28,405,082	34,419	28,439,501	28,439,501				

June 30, 2018 and 2017

33. Financial Instruments, Continued

(2) Details of financial assets and liabilities by category as of June 30, 2018 and December 31, 2017 are as follows, continued:

2) Financial liabilities

(In thousands of won)

		2018					
		Financial liability measured at amortized cost	Derivatives designated to hedge	Total	Fair value		
Trade and other payables Borrowings Derivative liabilities	₩	604,607,914 223,677,857 -	- - 340,511	604,607,914 223,677,857 340,511	604,607,914 223,677,857 340,511		
	W	828,285,771	340,511	828,626,282	828,626,282		

(In thousands of won)

(In thousands of Woh)			2017	7	
		inancial liability measured at amortized cost	Financial liabilities at FVTPL	Total	Fair value
Trade and other payables	₩	717,494,834	-	717,494,834	717,494,834
Borrowings		233,840,987	-	233,840,987	233,840,987
Derivative liabilities			409,259	409,259	409,259
	₩	951,335,821	409,259	951,745,080	951,745,080

(In thousands of rupee)

(in thousands of rupee)		2018					
		Financial liability measured at amortized cost	Derivatives designated to hedge	Total	Fair value		
Trade and other payables Borrowings Derivative liabilities	Rs	37,160,904 13,747,871	20,929	37,160,904 13,747,871 20,929	37,160,904 13,747,871 20,929		
	Rs	50,908,775	20,929	50,929,704	50,929,704		

(In thousands of rupee)	-		2017	,	
		inancial liability measured at amortized cost	Financial liabilities at FVTPL	Total	Fair value
Trade and other payables Borrowings Derivative liabilities	Rs	44,099,252 14,372,525 -	25,154	44,099,252 14,372,525 25,154	44,099,252 14,372,525 25,154
	Rs_	58,471,777	25,154	58,496,931	58,496,931

June 30, 2018 and 2017

33. Financial Instruments, Continued

(3) Financial risk management

The Company is exposed to credit risk, liquidity risk and market risk. In order to manage the aforementioned risks, the Company operates a risk management policy and a program that performs close monitoring and responds to each risk factors.

Financial assets that are subject to the financial risk management consist of cash and cash equivalents, AFS financial assets, trade receivables, other receivables and others; financial liabilities subject to the financial risk management consist of trade payables, other payables, borrowings, and others.

1) Market risk

a. Foreign exchange risk

The Company undertakes transactions denominated in foreign currencies; consequently, exposures to exchange rate fluctuations arise. The Company assesses, manages and reports, on a regular basis, the foreign exchange risk for its receivables and payables denominated in foreign currency.

The table below shows the sensitivity for each foreign currency when exchange rates change 10%. Sensitivity analysis only includes foreign currency monetary items that are not paid, and it adjusts the translation assuming exchange rate changes 10% as of June 30, 2018.

(In thousands of won and in thousands of rupee)

		Korear	n won	Indian rupee		
Currency		10% increase	10% decrease	10% increase	10% decrease	
USD	₩	2,460,451	(2,460,451) Rs	151,226	(151,226)	
EUR		(1,775,778)	1,775,778	(109,144)	109,144	
JPY		(7,902,001)	7,902,001	(485,679)	485,679	
Others	-	597,294	(597,294)	36,711	(36,711)	
	₩	(6,620,034)	6,620,034 Rs	(406,886)	406,886	

b. Interest rate risk

Sensitivity analysis was conducted assuming floating rate debt current balance is the same during the whole reporting year. When reporting interest rate risk to management internally, 0.5% variation is used, representing management's assessment about reasonably possible fluctuations of interest rates.

If other variables are constant and the interest rate is lower or higher by 0.5% than the current rate, the Company's current income will decrease or increase in $\frac{1}{2}$ 266,541 thousand (Rs 16,382 thousand) for the six-month periods ended June 30, 2018, due to floating rate debt's interest rate risk.

June 30, 2018 and 2017

33. Financial Instruments, Continued

(3) Financial risk management, continued

2) Credit risk

Credit risk arises from transactions in the ordinary course of business and investment activities and when a customer or a transacting party fails to perform obligations defined by respective contract terms. In order to manage the aforementioned credit risk, the Company regularly assesses credit ratings of its customers and transacting parties based on their financial status and past experiences, and establishes credit limit for each customer or transacting party.

If a credit risk occurs with respect to a dealership sale, which is a major type of the Company's sales, the respective dealership bears all of the risk; the Company manages credit risk on product sales using two management index, agreed liability rate and agreed excess rate, and when the management index exceeds the agreed rate, it imposes a release restriction on the respective dealership and transfers a credit risk arising from product sales. The Company's trade receivables are usually collected within 30 days but some of the notes receivable are collected within 75 days.

The Company estimates allowances for doubtful accounts (default, liquidation, bankruptcy, court receivership, workout, disappearance, full-scale capital erosion, etc.) through individual analysis for the receivables that are over more than 90 days.

For the receivables that are not subject to individual analysis, the allowance is estimated by applying the average loss rate for the past three years to the remaining balance of the receivables at the end of a reporting year; the average loss rate for the past three-years is calculated by dividing the amount of actual loss occurred in the past three years by the average balance of the receivables.

The Company estimates an allowance for the receivables that are over more than 90 days, but less than one year through an individual analysis based on each transacting party; for receivables that are not subject to individual analysis, the Company estimates an allowance based on the historical loss rates.

Maximum exposure in respect of credit risk as of June 30, 2018 and December 31, 2017 are as follows:

(In thousands of won and in thousands of rupee)

		Korean v	won	Indian rupee		
	_	2018	2017	2018	2017	
Trade and other receivables	₩	221,092,787	249,625,174 Rs	13,588,985	15,342,666	

June 30, 2018 and 2017

33. Financial Instruments, Continued

(3) Financial risk management, continued

3) Liquidity risk

The Company has managed liquidity risk to maintain adequate level of liquidity by periodic projecting cash outflow. To manage the risks, the Company has entered into a factoring agreement with capital financial institutions.

The contractual maturities of financial liabilities as of June 30, 2018 and December 31, 2017 are as follows:

(In thousands of won)		2018				
	_	Within a year	Over 1 year	Total		
Trade payables	₩	470,161,182	-	470,161,182		
Other payables		131,010,967	-	131,010,967		
Short-term borrowings(*)		154,231,513	-	154,231,513		
Derivatives liabilities		340,511	-	340,511		
Other payables		935,943	-	935,943		
Long-term borrowings(*)		-	74,557,403	74,557,403		
Long-term other payables		-	2,499,821	2,499,821		
	₩	756,680,116	77,057,224	833,737,340		
(In thousands of won)		2017				
			2017			
	_	Within a year	2017 Over 1 year	Total		
Trade payables Other payables	₩	Within a year 526,467,392 186,726,912		Total 526,467,392 186,726,912		
Trade payables	— ₩	526,467,392		526,467,392		
Trade payables Other payables	₩	526,467,392 186,726,912		526,467,392 186,726,912		
Trade payables Other payables Short-term borrowings(*)	 ₩	526,467,392 186,726,912 165,030,362		526,467,392 186,726,912 165,030,362		
Trade payables Other payables Short-term borrowings(*) Derivatives liabilities	 ₩	526,467,392 186,726,912 165,030,362 409,259		526,467,392 186,726,912 165,030,362 409,259		
Trade payables Other payables Short-term borrowings(*) Derivatives liabilities Other payables		526,467,392 186,726,912 165,030,362 409,259	Over 1 year - - - - -	526,467,392 186,726,912 165,030,362 409,259 926,535		
Trade payables Other payables Short-term borrowings(*) Derivatives liabilities Other payables Long-term borrowings(*)	 ₩ ₩	526,467,392 186,726,912 165,030,362 409,259	Over 1 year - - - - - 75,719,767	526,467,392 186,726,912 165,030,362 409,259 926,535 75,719,767		

() including expected i	nterest expenses.	
(In thousands of rupee)		

(In thousands of rupee)		2018				
	_	Within a year	Over 1 year	Total		
Trade payables	Rs	28,897,430	-	28,897,430		
Other payables		8,052,302	-	8,052,302		
Short-term borrowings(*)		9,479,503	-	9,479,503		
Derivatives liabilities		20,929	-	20,929		
Other payables		57,526	-	57,526		
Long-term borrowings(*)		-	4,582,508	4,582,508		
Long-term other payables	_		153,646	153,646		
	Rs	46,507,690	4,736,154	51,243,844		

June 30, 2018 and 2017

33. Financial Instruments, Continued

(3) Financial risk management, continued

3) Liquidity risk, continued

(In thousands of rupee)		2017				
	_	Within a year	Over 1 year	Total		
Trade payables	Rs	32,358,168	-	32,358,168		
Other payables		11,476,762	-	11,476,762		
Short-term borrowings(*)		10,143,231	-	10,143,231		
Derivatives liabilities		25,154	-	25,154		
Other payables		56,947	-	56,947		
Long-term borrowings(*)		-	4,653,950	4,653,950		
Long-term other payables			207,376	207,376		
	Rs_	54,060,262	4,861,326	58,921,588		

(*) Including expected interest expenses.

Details of commitments for borrowings as of June 30, 2018 and December 31, 2017 are as follows:

(In thousands of won and in thousands of rupee)

			Korean won		Indian rupee	
		_	2018	2017	2018	2017
Limitation of commitments	Used	₩	107,500,000	112,500,000 Rs	6,607,253	6,914,567
for borrowings	Unused	_	132,000,000	155,000,000	8,113,091	9,526,736
		₩	239,500,000	<u>267,500,000</u> Rs	14,720,344	16,441,303

(4) Fair value of financial instruments

1) The Company's management deems that the differences between carrying value and fair value of financial assets and financial liabilities recognized as amortized cost on financial statements is not significant.

2) Valuation methods and assumptions applied in fair value measurement

The fair values of financial instruments (i.e., government bonds and unsecured corporate bonds) traded on active markets are determined with reference to guoted market prices. The Company uses the closing price as the quoted market price for its financial assets.

The fair values of derivatives where no active market exists or where quoted prices are not otherwise available are determined by using valuation techniques. Non-option derivatives are evaluated by discounted cash flow method using the yield curve available. Options are evaluated by option-pricing models. Foreign exchange forward contracts are determined using the yield curve derived from market interest rates with the same maturity of forward contracts. To measure interest rate swaps, the cash flows are estimated by the yield curve derived from market interest rate and discounted to calculate the present value of swaps.

Fair values of other financial assets and liabilities (except those stated above) are calculated by generally accepted valuation models based on discounted cash flow analysis. In case of borrowings, its fair value are disclosed, but estimated in amortized costs. The company deem that its book value are similar to its fair values calculated by generally accepted valuation models based on discounts cash flow analysis.

June 30, 2018 and 2017

33. Financial Instruments, Continued

- (4) Fair value of financial instruments, continued
 - 3) The following table provides an analysis of financial instruments that are measured subsequent to initial recognition at fair value, classified as Level 1, 2 or 3, based on the degree to which the fair value is observable.
 - Level 1 quoted prices (unadjusted) in active markets for identical assets or liabilities
 - Level 2 inputs other than quoted prices included within Level 1 that are observable for the asset or liability, either directly or in indirectly (i.e. derived from prices)
 - Level 3 input for the asset or liability that are not based on observable market data (unobservable inputs)

Fair values of financial instruments by hierarchy level as of June 30, 2018 and December 31, 2017 are as follows:

(In thousands of won)

	_	Level 1	Level 2	Level 3	Fair value
As of June 30, 2018 Derivatives assets Derivatives liabilities	₩	-	1,471,546 340,511	-	1,471,546 340,511
As of December 31, 2017 Derivatives liabilities	₩	-	409,259	-	409,259
(In thousands of rupee)	_	Level 1	Level 2	Level 3	Fair value
As of June 30, 2018 Derivatives assets Derivatives liabilities	Rs	-	90,445 20,929	-	90,445 20,929
As of December 31, 2017 Derivatives liabilities	Rs	-	25,154	-	25,154

4) The Company measures the foreign exchange forward contract derivative assets: W 1,471,546 thousand (Rs 90,445 thousand) derivative liabilities: W 340,511 thousand (Rs 20,929 thousand) based on the forward rate announced officially in the market as of June 30, 2018. In the event that no corresponding forward rate with residual year of the foreign exchange forward contract in the market exists, the Company measured the market value through interpolation method.

As input factors used in measuring market value of foreign exchange forward are from observable exchange forward rate, the Company classified the fair value of foreign exchange forward as level 2.

34. Subsequent events

Subsequent to June 30, 2018, a subsidiary for vehicle sales in Australia has been established as of July 31, 2018.