

4Q20 Quarterly Earnings

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MEMBER OF
**Dow Jones
Sustainability Indices**
In Collaboration with RobecoSAM 

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4Q20 and FY20 Earnings

[Unit: KRW bn]

Category	4Q20	3Q20	QoQ	4Q '19	YoY	FY20	FY19	YoY
Revenue	3,251	3,087	+5.3%	2,821	+15.3%	11,295	10,097	+11.9%
Energy and others	2,629	2,383	+10.3%	2,211	+18.9%	8,729	7,719	+13.1%
Electronic Materials	622	704	-11.6%	610	+1.9%	2,566	2,378	+7.9%
Operating Profit (%)	246 (7.6%)	267 (8.7%)	-7.9%	20	+1,124.9%	671 (5.9%)	462 (4.6%)	+45.2%
Energy and others	117 (4.5%)	138 (5.8%)	-15.3%	-105	Turned Black	241 (2.8%)	55 (0.7%)	+334.8%
Electronic Materials	129 (20.8%)	129 (18.4%)	-	125	+3.2%	430 (16.8%)	407 (17.1%)	+5.7%
Pre-tax Profit (%)	429 (13.2%)	298 (9.7%)	+44.0%	-23 (-0.8%)	Turned Black	803 (7.1%)	565 (5.6%)	+42.3%
Net Profit (%)	342 (10.5%)	241 (7.8%)	+42.0%	-33 (-1.2%)	Turned Black	631 (5.6%)	402 (4.0%)	+56.8%

FY20 Financial Status

[Unit: KRW bn]

Category	Dec 31. '20	Sep 30. '20	QoQ	Dec 31. '19	YoY
Assets	21,534	20,809	+725	19,852	+1,682
Current	5,657	5,566	+92	5,181	+476
Non Current	15,877	15,244	+633	14,671	+1,206
Liabilities	8,175	7,845	+331	7,192	+984
Current	4,975	4,920	+55	3,742	+1,234
Non Current	3,200	2,925	+276	3,450	-250
Shareholders' Equity	13,359	12,965	+394	12,660	+699
Paid-in Capital	357	357	-	357	-
Cash & Cash equiv. *	1,669	1,424	+244	1,245	+424
Debt	3,912	3,909	+3	3,569	+343

*Including short-term financial instruments

Results and Outlook

4Q20 Results and FY21 Outlook

Automotive & ESS

[4Q20 Earnings]

Strong revenue growth QoQ

- EV battery revenue showed a high growth with environmental policies such as EV subsidies in Europe
- ESS revenue went up driven by the large projects in the U.S.

[1Q21 Forecast]

Sales expected to drop QoQ

- EV battery sales are to decline due to seasonality
- ESS battery sales are to increase in the U.S., while decrease in Korea

[FY21 Market Outlook]

EV market size, 236GWh (YoY +80%)

* IHS, SDI Marketing (EV, PHEV)

- Europe is to become the largest market with its strong environmental policies
- Stricter regulations for fuel efficiency and rules to ramp up EV production in the U.S. and China

ESS market size, 29.8GWh (YoY +57%)

* IHS, Bloomberg

- Overseas demand will go up with environmental policies such as reducing carbon emission and providing subsidies
- Domestic demand will go down YoY as the REC weighting scheme ceases

4Q20 Results and FY21 Outlook

Small-sized LIB

[4Q20 Earnings]

Revenue declined QoQ

- Cylindrical revenue slightly decreased due to seasonality
- Pouch revenue for flagship smartphones decreased

[1Q21 Forecast]

Slight increase of sales QoQ

- Cylindrical sales are to slightly go up as demand for power tools · TWS increases
- Pouch will start supplying for new flagship smartphones

[FY21 Market Outlook]

Small-sized LIB market, 11.2 bn cells (YoY +16%) * B3

[Non- IT]

- Cylindrical battery market growth led by EV and M-Mobility demand
- Power tool demand rebounds with the recovery of housing market and increase in DIY activity

[IT]

- 5G · foldable smartphone market growth
- More TWS earphones and Wearable devices to release
* True Wireless Stereo

4Q20 Results and FY21 Outlook

Electronic Materials

[4Q20 Earnings]

Lower revenue, steady profitability QoQ

- Polarizer went down due to seasonality
- OLED materials supplied for new flagship smartphones
- Semi materials slightly declined due to clients' inventory adjustment

[1Q21 Forecast]

Sales and profitability to decline QoQ

- Polarizer · OLED materials sales are to drop due to seasonality
- Semi materials sales will maintain the similar level QoQ

[FY21 Market Outlook]

Semi·OLED materials market growth

[Semiconductor materials]

- Demand increase in semiconductor process materials such as SOH · SOD as clients' wafer input goes up

[Display materials]

- OLED materials demand goes up as more OLED panels are used at mid-range smartphones
- Solid demand of polarizer for large LCD TVs, laptops and monitors with contactless economy

Appendix

Income Statement

[Unit: KRW bn]

Category	FY '20	4Q '20	3Q '20	2Q '20	1Q '20	FY '19	4Q '19	3Q '19
Revenue	11,295	3,251	3,087	2,398	10,097	2,821	2,568	2,405
COGS	8,914	2,551	2,384	1,939	7,882	2,238	1,997	1,874
Gross Profit (%)	2,381 (21.1%)	700 (21.5%)	702 (22.8%)	458 (19.1%)	2,215 (21.9%)	583 (20.6%)	571 (22.2%)	531 (22.1%)
Operating Profit (%)	671 (5.9%)	246 (7.6%)	267 (8.7%)	54 (2.3%)	462 (4.6%)	20 (0.7%)	166 (6.5%)	157 (6.5%)
Non-operating Profit	132	183	31	-64	102	-43	134	60
Pre-tax Profit (%)	803 (7.1%)	429 (13.2%)	298 (9.7%)	-10 (-0.4%)	565 (5.6%)	-23 (-0.8%)	300 (11.7%)	217 (9.0%)
Tax	172	87	58	-10	162	10	83	57
Net Profit (%)	631 (5.6%)	342 (10.5%)	241 (7.8%)	1 (0.0%)	402 (4.0%)	-33 (-1.2%)	217 (8.5%)	160 (6.7%)
NP less Minority Interests(%)	575 (5.1%)	318 (9.8%)	223 (7.2%)	-10 (-0.4%)	357 (3.5%)	-51 (-1.8%)	208 (8.1%)	149 (6.2%)
Depreciation	1,084	293	281	247	856	230	228	208
CAPEX	1,572	565	371	313	1,654	279	362	504

Balance Sheet

[Unit: KRW bn]

Category	Dec 31. '20	Sep 30. '20	Jun 30. '20	Mar 31. '20	Dec 31. '19	Sep 30. '19
Total Assets	21,534	20,809	20,540	19,887	19,852	19,737
Current Assets	5,657	5,566	5,615	5,388	5,181	5,143
Cash & Cash equiv.*	1,668	1,424	1,610	1,411	1,245	1,054
A/R & Others	2,178	2,177	2,102	2,113	2,228	2,088
Inventory	1,811	1,964	1,903	1,864	1,708	2,001
Non-current Assets	15,877	15,244	14,925	14,499	14,671	14,594
Investment Assets	8,576	8,076	7,914	7,683	8,032	8,006
Tangible & Intangible Assets	6,922	6,776	6,637	6,441	6,258	6,253
Others	379	392	374	375	381	335
Liabilities	8,175	7,845	7,888	7,423	7,192	6,981
Current liabilities	4,974	4,920	4,755	3,816	3,742	3,388
Non-current liabilities	3,201	2,925	3,133	3,607	3,450	3,593
Shareholders' Equity	13,359	12,965	12,652	12,464	12,660	12,756
Paid-in Capital	357	357	357	357	357	357

*Include short-term financial instruments

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