

LONGI Solar

HEADQUARTERS

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LONGI SETS RECORD REVENUE AND SHIPMENTS IN 2018 AS SOLAR INDUSTRY TRANSITIONS TO MONO PRODUCTS

WHITE PAPER

Reliable, Bankable Solar

LONGI SETS RECORD REVENUE AND SHIPMENTS IN 2018

Leading monocrystalline wafer producer and 'Solar Module Super League' (SMSL) member LONGi Green Energy Technology continued to ride the industry wave in the transition to high-performance mono-based products in 2018, with overseas module sales volume of 1,962MW, a year-on-year increase of 370%.

LONGi reported full-year 2018 financial results that set several new financial and product related shipment records.

The company reported full-year revenue of RMB 21,988 million (US\$3.27 billion) in 2018, up 34.38% from the prior year, a new annual revenue record for LONGi and making it one of only a handful of PV manufacturers to increase revenue over the previous year. Increased mono product shipments were at the cornerstone of the record revenue, which has now been set over seven consecutive years.

The company also reported record revenue for the fourth quarter of 2018 of RMB 7,316 million (US\$ 1,086 billion.)

In 2018, the company achieved 3.483 billion (pieces) of monocrystalline wafer shipments, a year-on-year increase of 59% compared with 2017.

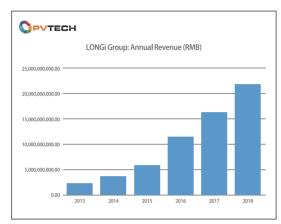
This included 1.966 billion wafers being sold to external customers, providing revenue of approximately RMB 6,115 million (US\$ 908 million), an increase of 6.31% from the previous year, despite significant monthly ASP declines. Mono wafer gross margins averaged 16.27% in 2018.

Mono cell and module shipments reached 7,072MW, a new record high, while module sales reached almost 6GW (5,991MW), also a new record.

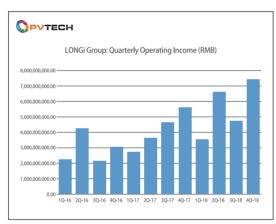
The increased mono product shipments and sales contrasted with the decline in downstream PV installations in China as a result of the '531 New Deal', as the global PV industry transitions to high-efficiency mono products.

On a regional basis, combined product sales actually increased in China in 2018. LONGi reported a 21.48% increase in domestic sales, compared to 2017, resulting in revenue of RMB 14,797 million (US\$ 2.198 billion).

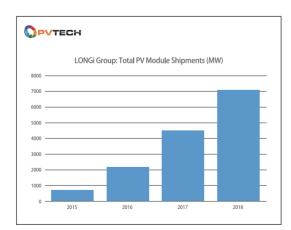
The company also benefited from an increase in PV power plant electricity generation revenue-RMB 796.8 million (US\$118.3 million)-as well as EPC revenue of around RMB 681.90 (US\$101.2 million) in 2018.



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LONGi reported record revenue in the fourth guarter of 2018



LONGI reported PV mono cell and module shipments of 7,072MW in 2018.

The Asia Pacific region was the second largest market, generating sales of RMB 3,414 million (US\$ 506.9 million), up 43.81% from the previous year.

Coming from a smaller sales footprint in the Americas, LONGi module sales increased 103.9% to RMB 1,433 million (US\$212.8 million) in 2018.

Sales in Europe were RMB 764.4 million (US\$113.5 million) in 2018, an increase of 239.8% compared to 2017.

However, LONGi was not completely immune from product (wafer, cell and module) ASP declines due to the impact from the 531 New Deal. As a result, annual net profits declined 28.24% to RMB 2,557 million (US\$ 379.8 million) in 2018.

The profit decline was limited due to the significant increase in product sales, manufacturing scale and cost reductions, as well as technical advancements and product upgrades in the year, although these positives were partially offset by the impact of provisions for inventory depreciation.

LONGi reported that the average unit non-silicon cost of pulling mono ingots decreased by 10.49% year-on-year. The overall average unit non-silicon cost of wafer cutting decreased by 27.81% year-on-year, while the average conversion efficiency of mass production PERC cells reached 22.2% and the average power output of mass production mono-PERC (60-cell) modules reached 305Wp to 310Wp.

On a quarterly basis, profits were only higher in the first quarter of 2018, compared to the previous year. However, profit levels were the highest in the fourth quarter of 2018 after setting a low in the previous quarter.

Manufacturing update

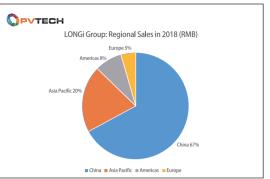
By the end of 2018, the company's monocrystalline silicon wafer production capacity had reached 28GW, while monocrystalline module production capacity had reached 8.8GW at its subsidiary, LONGi Solar.

By the end of 2019, the capacity of ingot/wafers is expected to reach 36GW, cell capacity is planned to reach 10GW and module capacity is expected to reach 16GW.

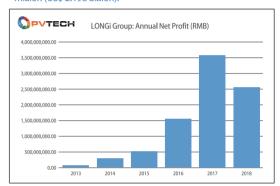
LONGi also outlined its production capacity planning for the next three years (2019-2021), which includes achieving 65GW of mono ingot/wafer production capacity by the end of 2021.

Monocrystalline cell capacity is planned to reach 20GW by the end of 2021, while the capacity of mono modules is planned to reach 30GW, also by the end of 2021.

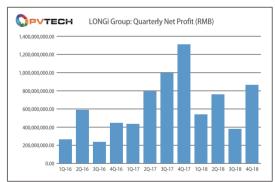
NB - Exchange rate USD/RMB of 6.73 correct at time of publication of article



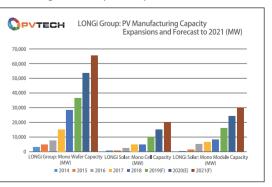
On a regional basis, combined product sales actually increased in China in 2018. LONGi reported a 21.48% increase in sales in China, compared to the 2017, resulting in revenue of RMB 14,797 million (US\$ 2.198 billion).



LONGi was not immune from the product (wafer, cell and module) ASPs declines due to the impact from the 531 New Deal. As a result, annual net profits declined 32.36% to RMB 2,557 million (US\$ 379.8 million) in 2018.



LONGi's profit levels were the highest in the fourth quarter of 2018 after setting a low in the previous quarter.



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