

LONGi Solar

About Longi solar

LONGi leads the solar PV industry to a new height with product innovations and optimized power-cost ratio with breakthrough monocrystalline technologies. It supplies more than 30GW of high-efficiency solar wafers and modules worldwide yearly, about a quarter of global market demand. Today, LONGi is recognized with the highest market value in the world. On August 21, 2020, LONGi, was awarded the A++ Energy Yield Rating Label for desert climate conditions by TÜV Rheinland for the excellent power generation performance of its bifacial modules. The A++ label is the highest among the seven grades of TÜV Rheinland's rankings and validates the outstanding performance of LONGi's PERC bifacial modules in desert conditions. LONGi is recognized as the world's most valuable solar technology company with the highest market value.

Headquarter: china

Founded: 2000 year

Employees in 2019 > 40000

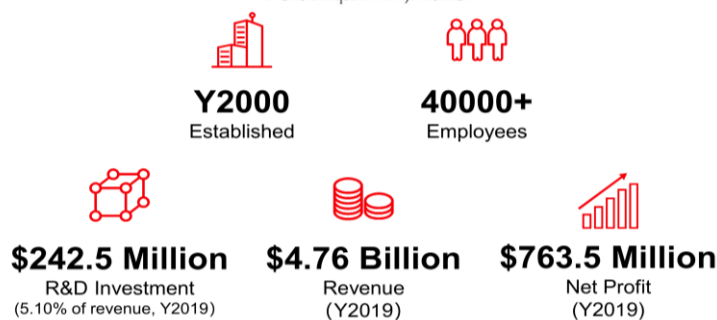
Total assets: \$8.91 billion

Revenue 2019: \$4.76 billion

R&D budget 2019: \$242.5 million



As of April 24, 2019





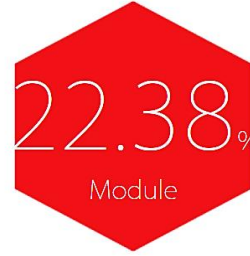
Taking the lead in setting the industry standards of M1, M2, Mono wafer



Efficiency of P-type PERC reaches 24.06%, setting a new world record



30-year Reliability



Efficiency of module reaches 22.38%, setting a new world record

As of Jan. 17, 2020

World's record for P-Type monocrystalline cell and module efficiency. World's largest scale in monocrystalline silicon wafers, monocrystalline modules and bifacial modules deliveries. World's healthiest solar company in financial strength, according to the latest BloombergNEF report. LONGi demonstrates its leadership in the PV industry in energy transformation. LONGi's products fulfilled 15% of new energy installations in the world each year, and is the world's largest supplier of power generation equipment in the PV sector.



40%

Total capacity of monocrystalline silicon wafers, ranked No. 1 worldwide in 2019



9.08GW

Total shipment of monocrystalline cell and modules in 2019



10.0GW +

Total shipment of bifacial modules, ranked No.1 worldwide by 2020.11



BloombergNEF

Altman-Z Score 4.99 highest of all manufacturers (Bloomberg NEF 4Q-2020 PV Outlook.)



PVTECH

AAA Rating in the new PV ModuleTech Bankability (AAA is currently the highest rating, and LONGi is the only one in this level)

The strong return on asset, good profitability and proven bankability has been validated and recognized by industry authorities:

- Longi meets the world-famous research institution Bloomberg New Energy Finance BloombergNEF's tier1 criteria as of 4Q 2020.

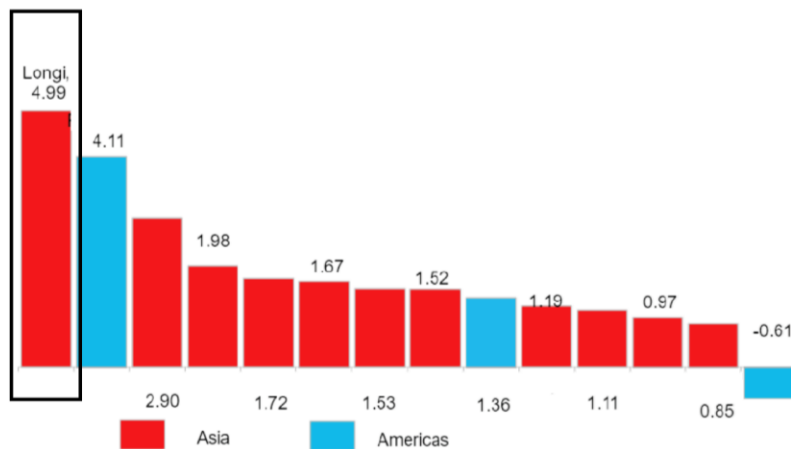
Table: Photovoltaic module manufacturers meeting BloombergNEF's tier 1 criteria as of 4Q 2020

Firm/ brand	Annual module capacity, MW/year	Firm/ brand	Annual module capacity, MW/year
ZNShine	5,000	Leapton Energy	600
Waaree*	2,000	Jolywood*	3,000
VSUN Solar*	2,100	Jinneng/ Jinergy	2,700
Vikram Solar	1,200	Jinko*	25,000
Ulica Solar	1,000	Jetion	2,500
Trina Solar*	21,500	JA Solar*	15,000
Talesun*	7,000	HT-SAAE*	1,500
Swelect	140	Hengdian DMEGC*	1,600
Suntech	10,000	Heliene	390
SunPower/ Maxeon*	2,800	Harwha Q-Cells*	10,700
Sumec/ Phono Solar*	2,000	Hansol Technics	600
Shinsung	300	Haitai New Energy	5,000
Sharp	210	Goldi Solar	500
Seraphim / SEG*	5,000	GCL System*	7,200
S-Energy	530	First Solar*	6,500
Risen Energy*	12,600	ET Solar*	1,600
Renesola Yixing	1,500	Eging	5,200
REC Group*	1,800	Canadian Solar	14,000
Neo Solar Power/ URF	1,800	Boviet*	1,200
Longi*	32,000	Adani/Mundra*	1,500
LG Electronics*	2,400	Total	219,170

This quarter, BNEF is displaying the Tier 1 list in reverse alphabetical order.

- The Altman-Z scores of Longi , 2Q 2020 or 3Q 2020:

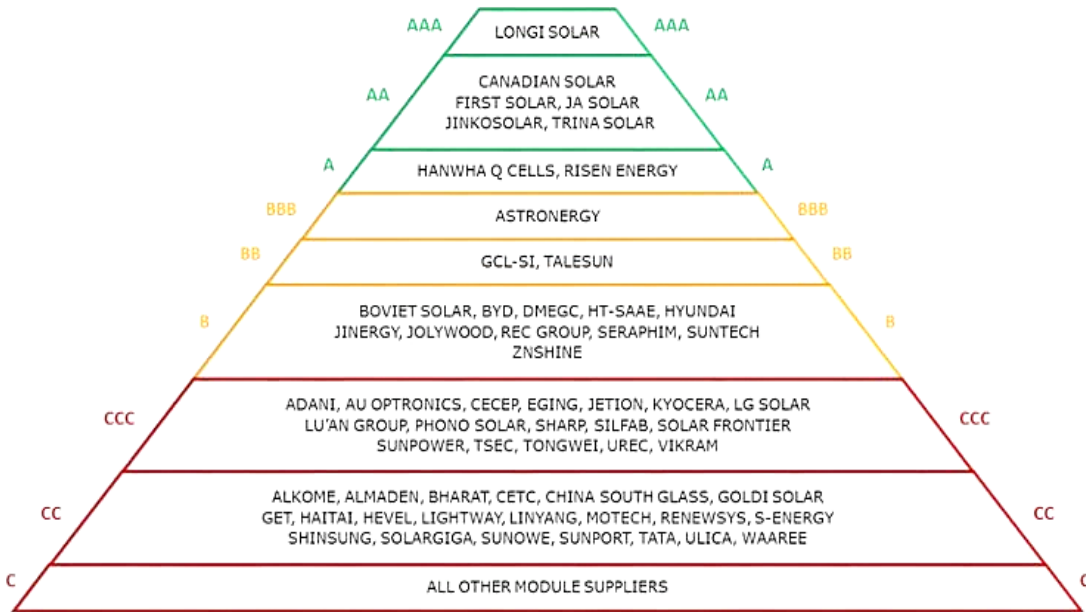
Figure: Altman-Z scores of quoted pureplay solar manufacturing companies, 2Q 2020 or 3Q 2020



Source: BloombergNEF, Bloomberg terminal

- PV-Tech bankability ratings report, 2020

PV MODULETECH BANKABILITY RATINGS: Q3'20 SUPPLIER PYRAMID



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Full methodology at: <https://marketresearch.solarmedia.co.uk/products/pv-moduletech-bankability-ratings-quarterly-report>

PVMODULETECH
BANKABILITY RATINGS

UPDATE: 10 AUGUST 2020

PVTECH
RESEARCH

LONGi has photovoltaic manufacturing bases for global scale in production and a worldwide marketing network that provide customers with localized services and support, such as project design, product specifications, cooperation planning, business support, logistics and on-site services.

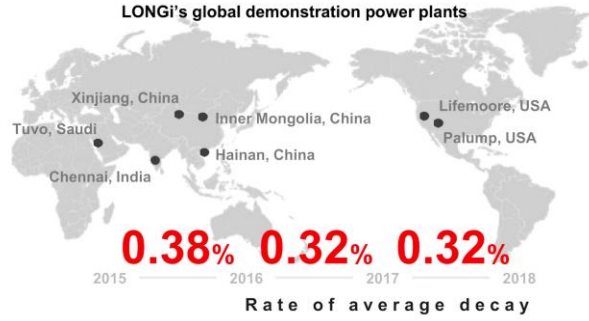


LONGi offers a first-year power warranty of $\geq 98\%$ for PV modules. The annual degradation rate of demonstration Longi PV panel installations is between 0.32 – 0.38 %.

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LONGi's global demonstration power plants



In addition to standard tests, LONGi's photovoltaic products demonstrated excellent performance in rigorous stress tests conducted by independent third parties.



Ranked first in TÜV Rheinland PV module power generation simulation for two consecutive years 2016, 2017

First place in TÜV Rheinland PV energy simulation in the Monocrystalline group in 2018



RETc 2019 High Achievement Manufacturers



First rank in empirical power generation in PV Magazine outdoor power generation evaluation



Highest score in Module manufacturing technology (2019, PV-TECH)



Top Performers for All extended reliability tests