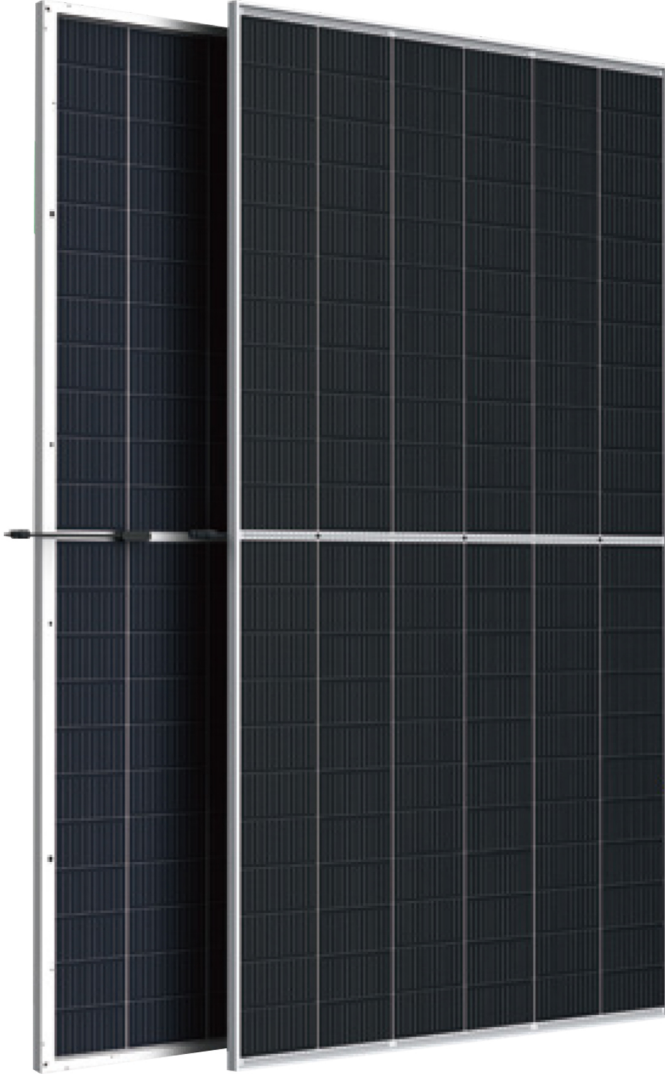


LUX6 STM670-66M-T12S **PERC**

650-670W



Excellent low-light power generation effect, ensuring continuous output in cloudy, shading conditions.



Whole process of manufacturing adheres to the green concept, fluorine-free and low-lead.



Minimized micro-cracks with innovative non-destructive cutting Technology.



Selection of packaging materials with excellent sealing
More advanced cell processing technology to reduce doping to ensure highly PID resistance.



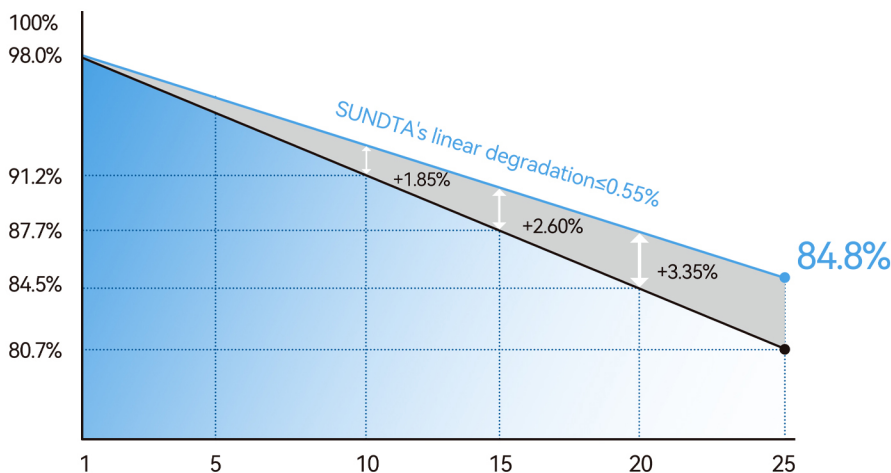
Sand blowing test, salt mist test and ammonia test passed to adapt with harsh environments

Complete System and Product Certifications

IEC61215/IEC61730/IEC61701/IEC62716/UL61730
ISO 9001: Quality Management System
ISO 14001: Environmental Management System
ISO14064: Greenhouse Gases Emissions Verification
ISO45001: Occupational Health and Safety Management System



Mechanical performance up to 5400 Pa positive load and 2400 Pa. Negative load.

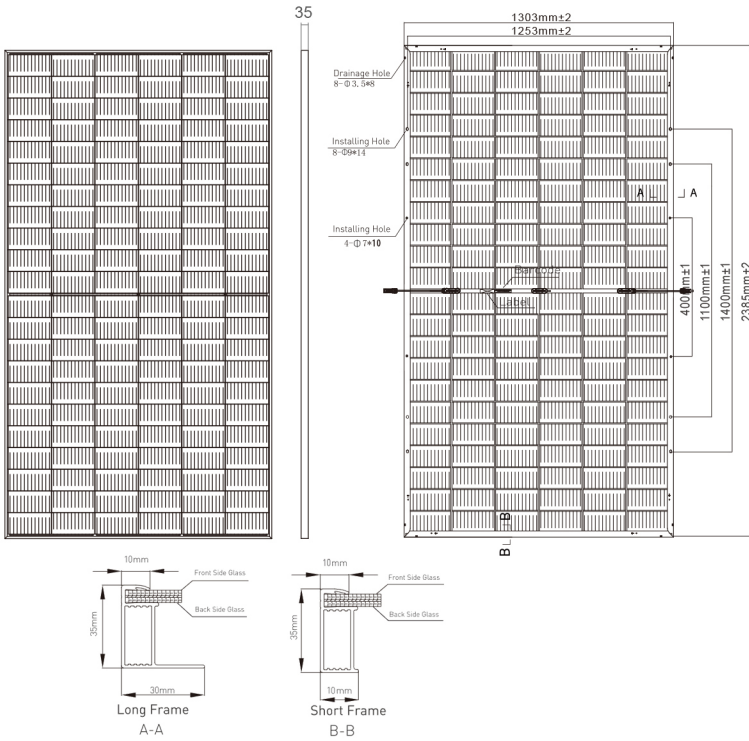


15 Years Warranty for Materials and Processing



25 Years Warranty for Extra Linear Power Output

21.5% Max Efficiency	0-3% Power Tolerance	2385x1303x35mm Dimension	38.7kg Weight	PERC Bifacial Half-cell
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Mechanical Characteristics

Cell Orientation	132(6x22)
Dimension	2385x1303x35mm
Weight	38.7kg
Glass	Front Glass:2.0mm High transparency solar glass Back Glass:2.0mm High transparency solar glass
Frame	Sliver Anodized Aluminium Alloy
Junction Box	IP68,three diodes
Output Cable	4mm ² ,300mm Length can be customized
Packaging	31pcs/pallet, 558pcs/40'HQ

Electrical Data (STC)

Maximum Power(Pmax)	650W	655W	660W	665W	670W
Maximum Power Voltage(Vmp)	37.40V	37.60V	37.80V	38.00V	38.20V
Maximum Power Current(Imp)	17.38A	17.42A	17.46A	17.50A	17.54A
Open-circuit Voltage(Voc)	45.20V	45.40V	45.60V	45.80V	46.00V
Short-circuit Current(Isc)	18.46A	18.50A	18.55A	18.60A	18.65A
Module Efficiency(%)	20.90%	21.10%	21.20%	21.40%	21.50%

STC: Irradiance 1000W/m², Cell Temperature 25°C, Air Mass AM1.5.

Electrical Data (NOCT)

Maximum Power(Pmax)	492W	496W	500W	504W	509W
Maximum Power Voltage(Vmp)	34.90V	35.10V	35.30V	35.50V	35.70V
Maximum Power Current(Imp)	14.09A	14.13A	14.18A	14.22A	14.27A
Open-circuit Voltage(Voc)	42.60V	42.80V	43.00V	43.20V	43.40V
Short-circuit Current(Isc)	14.85A	14.88A	14.92A	14.96A	15.00A
Module Efficiency(%)	20.90%	21.10%	21.20%	21.40%	21.50%

NOCT: Irradiance at 800W/m², Ambient Temperature 20°C, Wind Speed 1m/s.

Temperature Ratings(STC)

Temperature Coefficient of Isc	+0.040%/°C
Temperature Coefficient of Voc	-0.250%/°C
Temperature Coefficient of Pmax	-0.340%/°C
NOCT (Nominal operating cell temperature)	43±2°C

Operating Parameters

Operating temperature(°C)	-40°C~+85°C
Maximum system voltage	1500V DC(IEC/UL)
Maximum series fuse rating	30A
Power tolerance	0-3%

Curve

