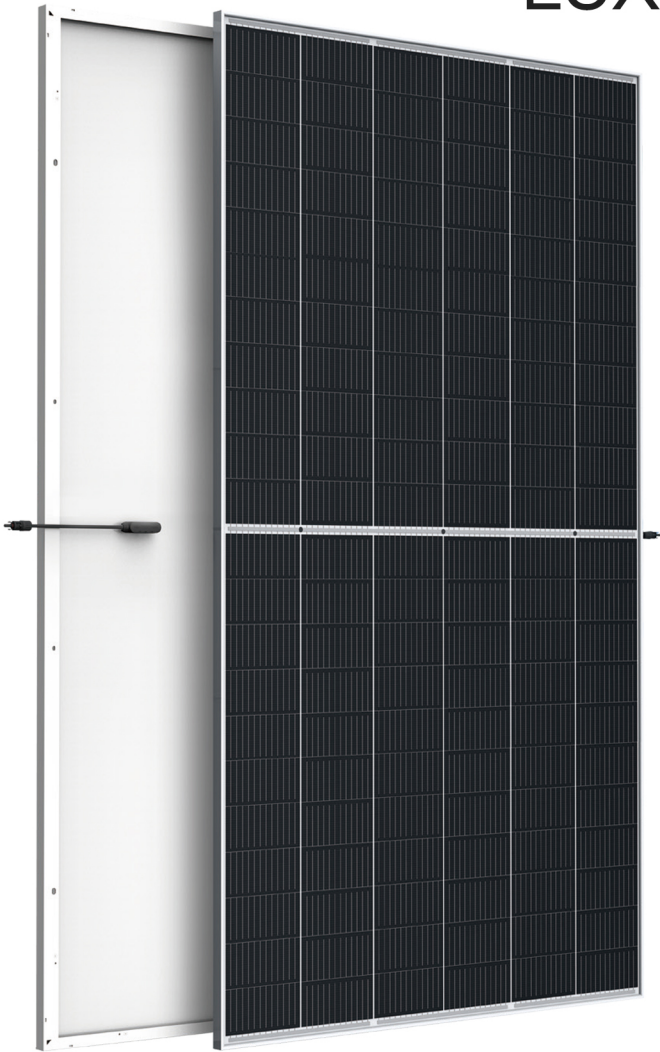


LUX6 STM700-66M-T12 **PERC**

680-700W



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.



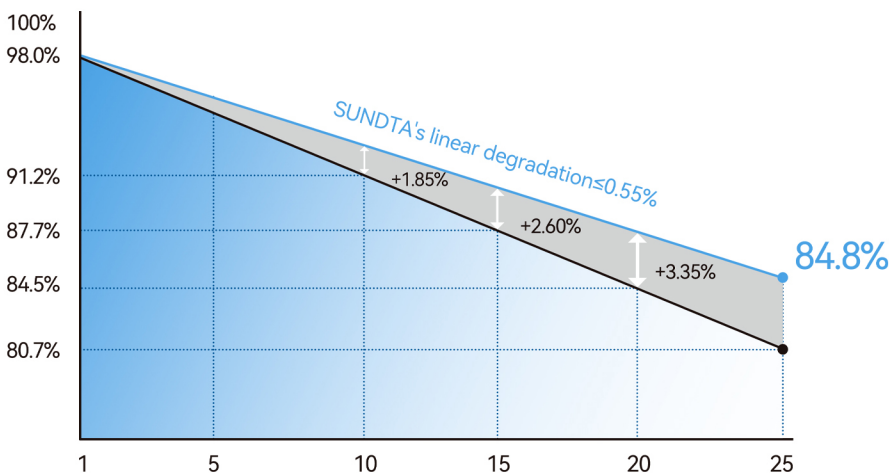
Sand blowing test, salt mist test and ammonia test passed to adapt with harsh environments



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

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

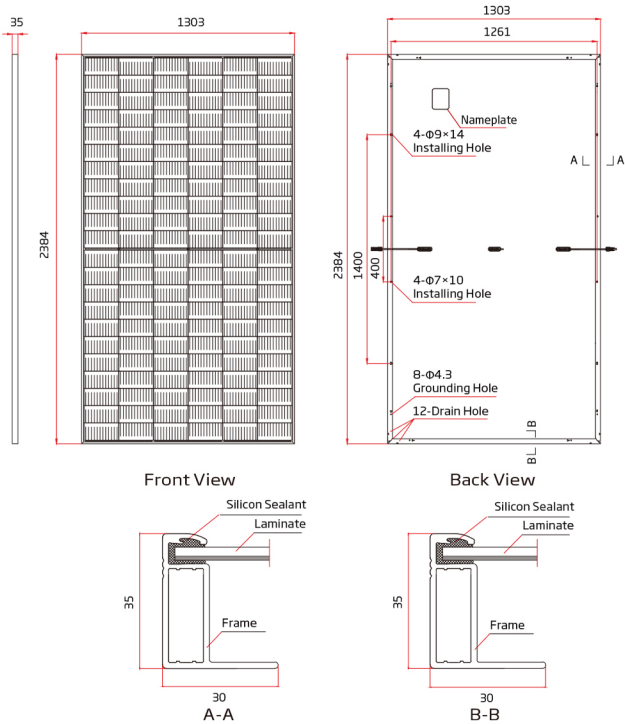


15 Years Warranty for Materials and Processing



25 Years Warranty for Extra Linear Power Output

22.53% Max Efficiency	0-5W Power Tolerance	2384x1303x35mm Dimension	33.6kg Weight	PERC Half-cell
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Mechanical Characteristics

Cell Orientation	132 cells
Dimension	2384x1303x35mm
Weight	33.6kg
Glass	3.2mm High Transmission, AR Coated Heat Strengthened Glass
Frame	Anodized aluminum alloy frame
Junction Box	IP68, three diodes
Output Cable	4mm ² , 280/280mm Length can be customized
Packaging	31pcs/pallet, 558pcs/40'HQ

Electrical Data (STC)

Maximum Power(Pmax)	680W	685W	690W	695W	700W
Maximum Power Voltage(Vmp)	38.60V	38.80V	39.00V	39.20V	39.40V
Maximum Power Current(Imp)	17.63A	17.67A	17.71A	17.75A	17.79A
Open-circuit Voltage(Voc)	46.50V	46.70V	46.90V	47.10V	47.30V
Short-circuit Current(Isc)	18.72A	18.77A	18.82A	18.87A	18.92A
Module Efficiency(%)	21.89%	22.05%	22.21%	22.37%	22.53%

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

Electrical Data (NOCT)

Maximum Power(Pmax)	516W	520W	524W	528W	532W
Maximum Power Voltage(Vmp)	36.00V	36.20V	36.40V	36.60V	36.80V
Maximum Power Current(Imp)	14.34A	14.38A	14.42A	14.46A	14.50A
Open-circuit Voltage(Voc)	43.80V	44.00V	44.20V	44.40V	44.60V
Short-circuit Current(Isc)	15.11A	15.16A	15.21A	15.26A	15.31A
Module Efficiency(%)	21.89%	22.05%	22.21%	22.37%	22.53%

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

Temperature Ratings(STC)

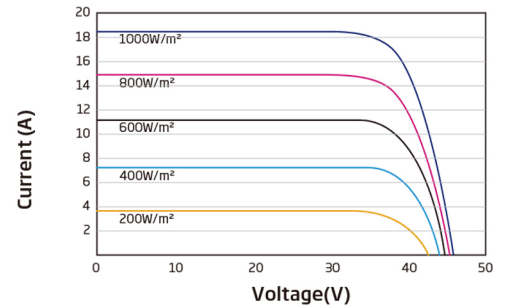
Temperature Coefficient of Isc	+0.040%/°C
Temperature Coefficient of Voc	-0.250%/°C
Temperature Coefficient of Pmax	-0.340%/°C
NOCT (Nominal operating cell temperature)	43±2°C

Operating Parameters

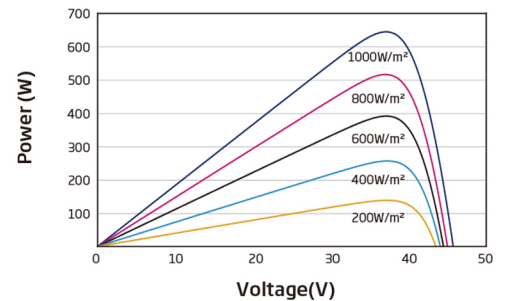
Operating temperature(°C)	-40°C~+85°C
Maximum system voltage	1500V DC(IEC/UL)
Maximum series fuse rating	30A
Power tolerance	0-5W

Curve

I-V CURVES OF PV MODULE



P-V CURVES OF PV MODULE



I-V CURVES OF PV MODULE(650 W)

