

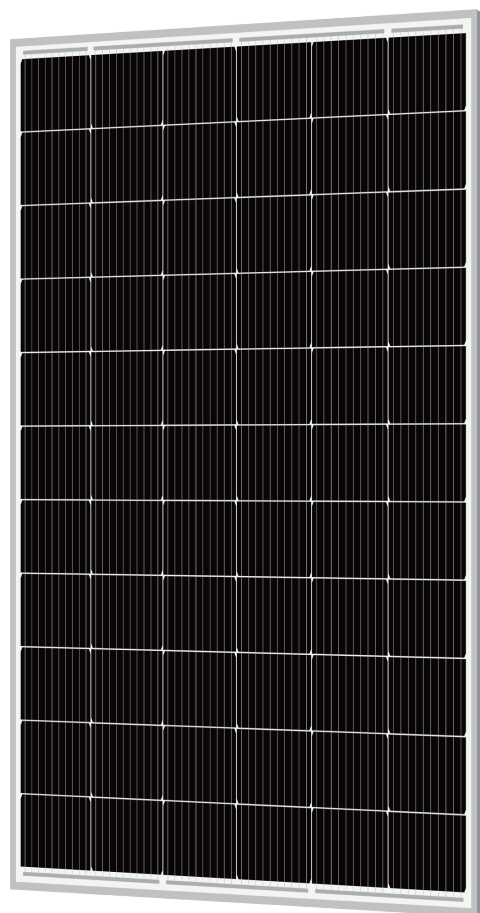
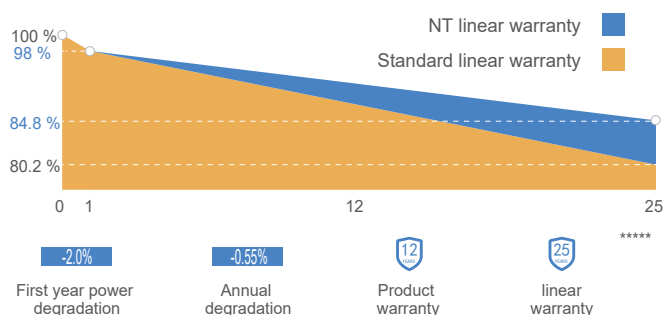


NT-66 (182mm Cell)

320-340 Watt

MONO CRYSTALLINE MODULE

Industry-leading Warranty based on nominal power



Features



IP68 junction box, connector

IP68 junction box and connector have a high degree of waterproof, effectively resist the harsh environment;



15A current

The junction box carries a current of 15A, ensuring high current flow through the modules;



PID Resistant

Excellent PID resistance at 96 hours (85°C/85%) test, and also can be improved to meet higher standards for the particularly harsh environment;



Super strong frame

Glue-spilled tank has a double-layer waterproof, cross-section with hook-shaped aluminum frame, enhanced by 10% of the mechanical load strength;



Anti-Crack

Excellent anti-microcracking performance with more balanced interior stress;

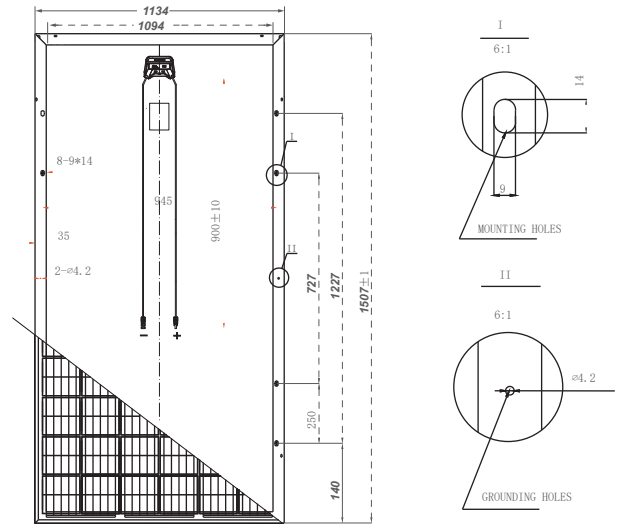


Strong mechanical load capacity

Passed the 2400pa wind load and 5400pa snow load test, ensuring that the module has a stable mechanical life;

MECHANICAL SPECIFICATIONS

Cell Type	Monocrystalline
Cell Dimensions	182*130.5mm
Cell Arrangement	66 (6*11)
Weight	19.4kg
Module Dimensions	1507*1134*35mm
Connector type	MC4 Compatible
Output Cables	TUV,±length 900mm,4.0mm ²
Front Glass	3.2mm, Low Iron Tempered Glass
No. of Bypass Diodes	3
Packing Configuration (1)	31pcs/carton, 952pcs/40HQ
Frame	Anodized Aluminium Alloy
Junction Box	IP68



ELECTRICAL SPECIFICATIONS

Module Type	NT320-66M10	NT325-66M10	NT330-66M10	NT335-66M10	NT340-66M10
Testing Condition	STC	STC	STC	STC	STC
Rated output (Pmp/Wp)	320	325	330	335	340
Maximum Power Voltage(Vmpp/V)	38.2	38.6	38.8	39.5	39.6
Maximum Power Current(Imp/A)	8.38	8.42	8.51	8.48	8.58
Open Circuit Voltage(Voc/V)	45.2	45.6	45.8	46.6	48.6
Short Circuit Current(Isc/A)	8.88	8.92	9.02	8.99	9.09
Module efficiency(%)	16.5%	16.8%	17.0%	17.3%	17.5%
Power Tolerance (W)	0~+5	0~+5	0~+5	0~+5	0~+5

STC: Irradiance 1000W/m², Cell Temperature 25°C, Air Mass AM1.5 NMOT: Irradiance at 800W/m², Ambient Temperature 20°C, Air Mass AM1.5, Wind Speed 1m/s

MAXIMUM RATINGS

Maximum System Voltage	1000V/1500V DC
Operating Temperature	-40°C ~ +85°C
Maximum Series Fuse	15A
Static Loading	Snow Loading: 5400Pa/ Wind Loading: 2400Pa
Conductivity at Ground	≤0.1Ω
Safety Class	II
Resistance	≥100MΩ
Connector	T01/LJQ-3-CSY/MC4/MC4-EVO2

TEMPERATURE CHARACTERISTICS

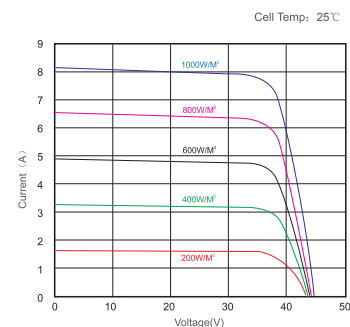
NMOT Temperature	45°C±2°C
Temperature Coefficient (Pmax)	-0.41%/°C
Temperature Coefficient (Voc)	-0.33%/°C
Temperature Coefficient (Isc)	0.06%/°C



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CURVE & TEMPERATURE DEPENDENC

NT340-66M10



Power voltage current curve at different temperature

