



# NCTS-SP575WM

## High Efficiency High Quality Py Module

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### Product Features

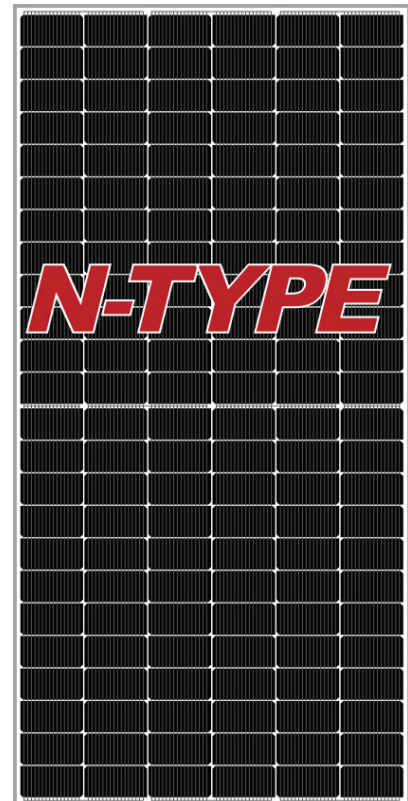
- Using high efficiency solar cells
- High quality junction box and connector systems
- 100% inspection to guarantee the reliability of solar systems

### Technology:

- Excellent performance in low-light environment
- High transmissivity, low-iron tempered glass

### Product Advantage:

- 16 Busbar Solar Cell (182\*182mm) 16 busbar solar cell adopts new technology to improve the efficiency of modules
- High Voltage UL and IEC 1500V certified, lowers BOS costs and yields better LCOE
- High Efficiency Higher module conversion efficiency (up to 20.37%) benefit from half cell structure (low resistance characteristic).
- Low-light Performance Advanced glass and cell surface textured design ensure excellent performance in low-light environment.
- Durability Against Extreme Environmental Conditions High salt mist and ammonia resistance certified by TUV NORD.
- Severe Weather Resilience Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).



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### Technical Specifications

Model: NCTS-SP575WM

#### Electrical Characteristics

Maximum power(Pmax)	575W
Voltage at Pmax (Vmp)	42.69V
Current at Pmax (Imp)	13.47A
Open-circuit voltage (Voc)	51.23V
Short-circuit current (Isc)	14.21A
Temperature coefficient of Voc	-(0.40 + 0.05)%/°C
Temperature coefficient of Isc	(0.065 + 0.01)% /C
Temperature coefficient of power	-(0.5±0.05)%/°C
NOCT (Air 20°C: Sun 0.8kW/m² wind 1m/s)	47+2°C
Operating temperature	-40°C to 85°C
Maximum system voltage	1500V DC
Power tolerance	+ 3%
Cells	Monocrystalline solar cell
No. of cells and connections	144(6*24)
Module Dimension	2278*1134*35mm
Weight	27kg

\*STC:Irradiance 1000W/m², AM1.5 spectrum, module temperature 25°C

\* Specifications are subject to change without notice at any time.

