

## NT50-M10

### Mechanical Specifications

Cell Type	Mono 182mm*45.5mm
Dimensions	710*440*25mm
No. of cells	28 (2*14)
Front Glass	3.2mm, Anti-Reflection Coating, High Transmission
Frame	Anodized Aluminium Alloy
Junction Box	IP67 Rated
Output Cables	TUV 1x2.5mm <sup>2</sup> ,90mm Length or Customized Length
Weight	3.5kg

### Packaging Configuration

7232pcs/ 40'HQ Container



IP67 junction box and connector have a high degree of waterproof, effectively resist the harsh environment



Excellent Anti-PID performance guarantee limited power degradation for massproduction

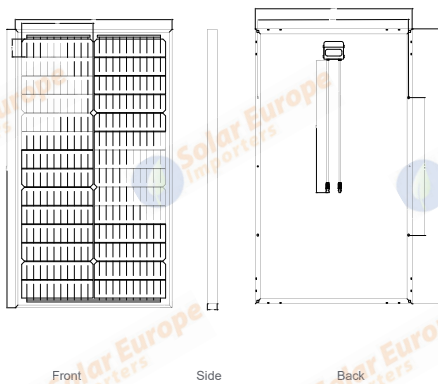


Excellent anti-microcracking performance with more balanced interior stress



10 years limited product warranty, 25 years linear power warranty

### Engineering Drawings

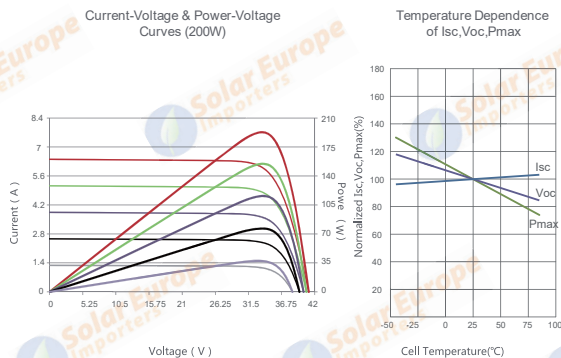


### Electrical Specifications At STC

Max. Power (Pmax)	50W
Max. Power Voltage (Vmp)	16.8V
Max. Power Current (Imp)	2.98A
Open-circuit Voltage (Voc)	20.4V
Short-circuit Current (Isc)	3.48A
Module Efficiency (%)	16%
Power Tolerance	0~+5W
Maximum system voltage	1500VDC
Maximum series fuse rating	15A
Temperature Coefficients of Pmax	-0.35%/C
Temperature Coefficients of Voc	-0.29%/C
Temperature Coefficients of Isc	0.048%/C

STC Irradiance 1000W/m<sup>2</sup>, Cell Temperature 25°C, AM=1.5

### Electrical Performance & Temperature Dependence



### Operating Conditions

Maximum System Voltage	1000V/1500V DC(IEC)
Operating Temperature	-40°C~+85°C
Maximum Series Fuse	15A
Maximum Static Load,Front	5400Pa
Maximum Static Load,Back	2400Pa
Safety Class	ClassII

Web: [www.ntsolar.tech](http://www.ntsolar.tech)

The company reserves the final right for explanation on any of the information presented hereby.