TDC100M6-33

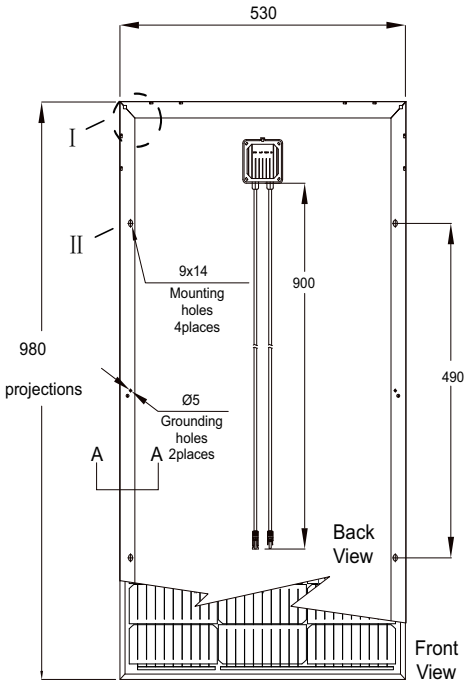
High Efficiency Monocrystalline PV Module

Electrical Characteristics	TDC100M6-33
Peak Power (Pmax)	100W
Maximum Power Voltage(Vmp)	18.4V
Maximum Power Current (Imp)	5.44A
Open-circuit voltage (Voc)	22.0V
Short-circuit current (Isc)	5.73A
Temperature coefficient of Voc	-0.346%/°C
Temperature coefficient of Isc	+0.065%/ °C
Temperature coefficient of Pmax	-0.46%/ °C
NOCT (Air 20°C; Sun 0.8kW/m² wind 1m/s)	45±2°C
Operating temperature	-40°C to 85°C
Maximum system voltage	1000V DC
Power tolerance	± 3%

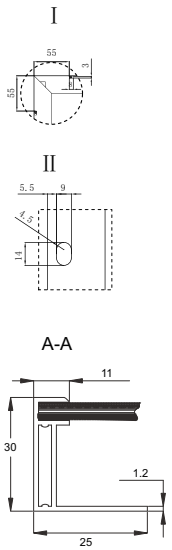
*STC: Irradiance 1000W/m², AM1.5 spectrum, module temperature 25°C

*NOCT:Nominal operating cell temperature (the data is only for reference)

Physical Characteristics



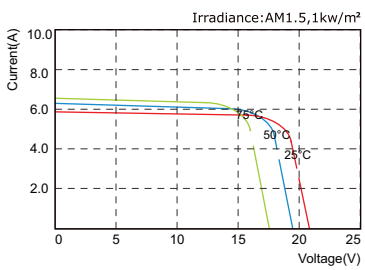
Dimensions are in millimeters.
Unit: mm



Feature

- Nominal 12V DC for standard output.
- Outstanding low-light performance.
- Heavy-duty anodized frames.
- High transparent low-iron,tempered glass.
- Rugged design to withstand high wind pressure. hail and snow load.
- Design to meet unique demand of customer.
- 25 years module output warranty.
- High efficifency and Aesthetic appearance

Characteristics



I-V Curves

Specification	TDC100M6-33
Cells	Monocrystalline silicon solar cell 166*83
No. of cells and connections	33(3X11)
Module dimension	980mm[L]x530mm[W]x30mm[H]
Weight	5.5kg
Quantity/cartons	2pcs

*Limited warranty: 10-year limited warranty of materials and workmanship; 25-year limited warranty of 80% power output. For detail, please contact us.

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