



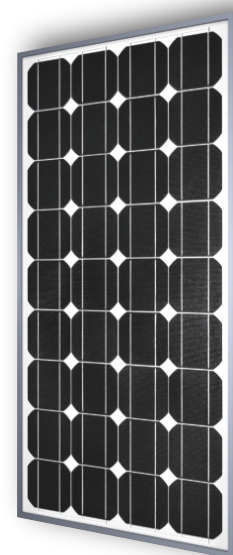
Monocrystalline solar module

Typical electrical characteristics

Characteristics	ZDNY-80C36	ZDNY-85C36	ZDNY-90C36
Max.Power (Pmax)	80Wp	85Wp	90Wp
Optimum Operating Voltage (Vm)	17.39V	17.71V	18.11V
Optimum Operating Current (Im)	4.61A	4.82A	4.97A
Open-circuit Voltage (Voc)	21.97V	22.11V	22.32V
Short-circuit Current (Isc)	4.98A	5.11A	5.25A
Cell Efficiency	15.0%	16.0%	16.8%

Note: the specifications are obtained under the Standard Test Condition(STC): 1,000W/ m² solar irradiance, AM 1.5, Cell Temperature 25 °C.

Solar Cell	Mono-crystalline 125x125mm
Output Tolerance (Pmax)	0~+3%
Number of cells	36 cells in series
Module Dimension	1200x550x35mm
Weight	8kg
Max. System Voltage	1000V(TUV)/600V(UL)
Max. Series Fuse Rating	8A
Temperature cycling range	(-40~85 °C)
NOTC	47 °C
Temperature coefficients of Isc	(+0.06%/°C)
Temperature coefficients of Voc	(-0.35%/°C)
Temperature coefficients of Pmax	(-0.4%/°C)
Load Capacity	772pcs/20'GP 1800pcs/40'HQ



Warranty

10-year product warranty.

12-year warranty at 90% power output.

25-year warranty at 80% power output.

Product enforced by CHUBB Insurance

