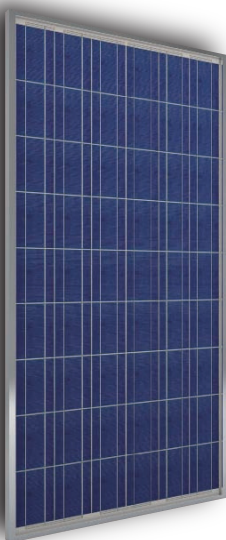


Polycrystalline solar module

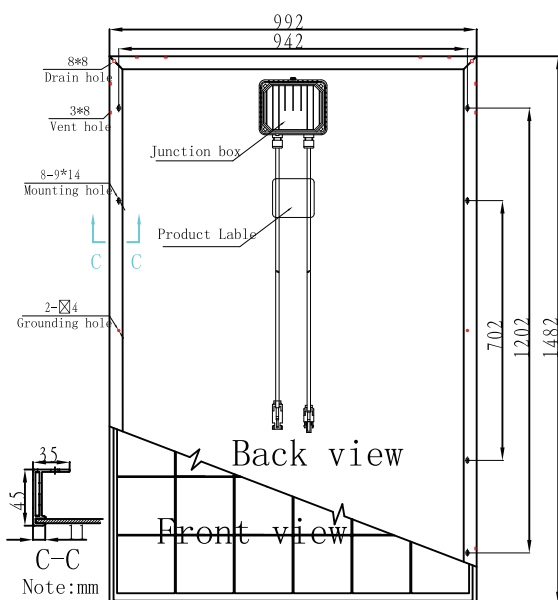
Typical electrical characteristics

Characteristics	ZDNY-200P54	ZDNY-210P54	ZDNY-220P54
Max.Power (Pmax)	200Wp	210Wp	220Wp
Optimum Operating Voltage (Vm)	26.10V	26.52V	27.10V
Optimum Operating Current (Im)	7.68A	7.93A	8.12A
Open-circuit Voltage (Voc)	33.35V	33.73V	34.06V
Short-circuit Current (Isc)	8.29A	8.38A	8.48A
Cell Efficiency	15.2%	16.0%	16.7%

Note: the specifications are obtained under the Standard Test Condition(STC): 1,000W/ m^2 solar irradiance, AM 1.5, Cell Temperature 25 °C.



Solar Cell	Poly-crystalline 156x156mm
Output Tolerance (Pmax)	0~+3%
Number of cells	54 cells in series
Module Dimension	1482x992x45mm
Weight	19kg
Max. System Voltage	1000V(TUV)/600V(UL)
Max. Series Fuse Rating	15A
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	408pcs/20'GP 908pcs/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

