

Polycrystalline solar module

Typical electrical characteristics

Characteristics	ZDNY-230P60	ZDNY-235P60	ZDNY-240P60
Max.Power (Pmax)	230Wp	235Wp	240Wp
Optimum Operating Voltage (Vm)	29.28V	29.78V	30.20V
Optimum Operating Current (Im)	7.87A	7.90A	7.96A
Open-circuit Voltage (Voc)	37.20V	37.45V	37.70V
Short-circuit Current (Isc)	8.29A	8.35A	8.38A
Cell Efficiency	15.8%	16.1%	16.4%

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

Solar Cell	Poly-crystalline 156x156mm
Output Tolerance (Pmax)	0~+3%
Number of cells	60 cells in series
Module Dimension	1650x992x45mm
Weight	22.5kg
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	276pcs/20'GP 644pcs/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

