

MONOCRYSTALLINE SOLAR MODULE

ZDNY250C60-260C60



Typical electrical characteristics

Characteristics	ZDNY-250C60	ZDNY-255C60	ZDNY-260C60
Max.Power(Pmax)	250Wp	255Wp	260Wp
Optimum Operating Voltage(Vm)	31.17V	31.17V	31.20V
Optimum Operating Current(I _m)	8.03A	8.19A	8.34A
Open-circuit Voltage(V _{oc})	37.85V	37.97V	38.82V
Short-circuit Current(I _{sc})	8.40A	8.58A	8.71A
Cell Efficiency	17.4%	17.8%	18.10%
Module Efficiency	15.27%	15.58%	15.88%

Note: the specifications are obtained under the Standard Test Condition(STC):1000 W/m² solar irradiance, AM1.5, Cell Temperature 25 °C .



Solar Cell	Mono-crystalline 156*156mm
Output Tolerance(Pmax)	0 ~ +3%
Number of cells	60 cells in series
Module Dimension	1650*992*40mm
Weight	19.5kg
Max.System Voltage	1000V(TUV)/600V(UL)
Max.Series Fuse Rating	15A
Output Cable	PV 4mm ²
Cable Length	90cm±5
Number of bypass diodes	6
Temperature cycling range	(-40 ~ 85°C)
NOCT	47°C ±2°C
Temperature coefficients of I_{sc}	+(0.053±0.01)%/K
Temperature coefficients of V_{oc}	-(0.35±0.001)%/K
Temperature coefficients of Pmax	-(0.40±0.05)%/K
Load Capacity	285 pcs/20'GP
	756 pcs/40'HQ

