

# MONOCRYSTALLINE SOLAR MODULE

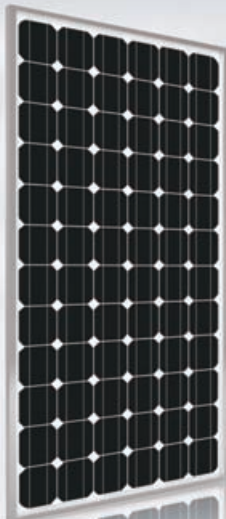
ZDNY195C-205C



## Typical electrical characteristics

Characteristics	ZDNY-195C	ZDNY-200C	ZDNY-205C
Max.Power(Pmax)	195Wp	200Wp	205Wp
Optimum Operating Voltage(Vm)	36.94V	36.95V	36.97V
Optimum Operating Current(Im)	5.28A	5.42A	5.55A
Open-circuit Voltage(Voc)	44.88V	44.95V	45.03V
Short-circuit Current(Isc)	5.50A	5.65A	5.73A
Cell Efficiency	17.5%	17.9%	18.4%
Module Efficiency	15.27%	15.67%	16.06%

Note: the specifications are obtained under the Standard Test Condition(STC):1000 W/m<sup>2</sup> solar irradiance, AM1.5, Cell Temperature 25 °C .



<b>Solar Cell</b>	Mono-crystalline 125*125mm
<b>Output Tolerance(Pmax)</b>	0 ~ +3%
<b>Number of cells</b>	72 cells in series
<b>Module Dimension</b>	1580*808*35mm
<b>Weight</b>	15kg
<b>Max.System Voltage</b>	1000V(TUV)/600V(UL)
<b>Max.Series Fuse Rating</b>	16A
<b>Output Cable</b>	PV 4mm2
<b>Cable Length</b>	90cm±5
<b>Number of bypass diodes</b>	3
<b>Temperature cycling range</b>	(-40 ~ 85°C )
<b>NOCT</b>	47°C ±2°C
<b>Temperature coefficients of Isc</b>	+(0.053±0.01)%/K
<b>Temperature coefficients of Voc</b>	-(0.35±0.001)%/K
<b>Temperature coefficients of Pmax</b>	-(0.40±0.05)%/K
<b>Load Capacity</b>	424pcs/20'GP
	896pcs/40'HQ

