

POLYCRYSTALLINE SOLAR MODULE

ZA1ZDNY330W

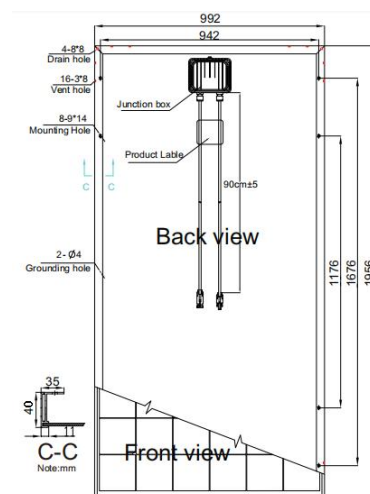


Typical electrical characteristics

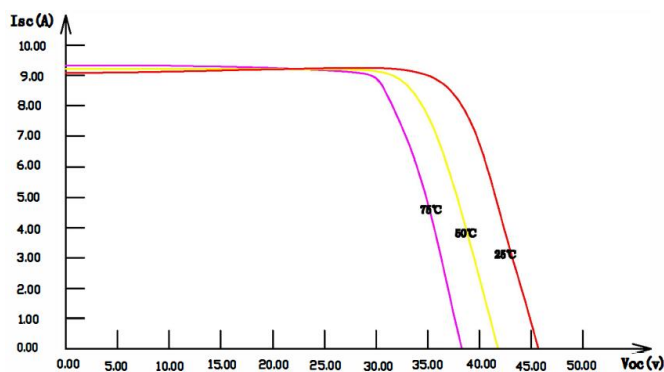
Characteristics	ZA1ZDNY- 330P72
Max. Power (PMax)	330W
Optimum Operating Voltage(Vm)	37.13V
Optimum Operating Current(I _m)	8.89A
Open-circuit Voltage (Voc)	45.76V
Short-circuit Current (I _{sc})	9.27A
Cell Efficiency	18.90%

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

Solar Cell	Poly-crystalline 156x156 mm
Output Tolerance (PMax)	0~+3%
Number of Cells	72 cells in series
Module Dimension	1956x992x40mm
Weight	23kg
Max. System Voltage	1500V(TUV)
Max. Series Fuse Rating	15A
Output Cable	PV 4mm ²
Cable Length	90cm±5
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



I-V Curves of PV module ZA1ZDNY-330P72 at various cell temperatures



I-V Curves of PV module ZA1ZDNY-330P72 at various solar irradiance

