

## **Photovoltaic Module** Monocrystalline72



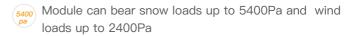
## **KEY FEATURES**

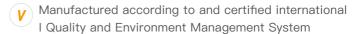


High module efficiency through superior manufacturing technology



Strictly control the micro-crack of solar cells and the other non visible defect of internal modules





Using advanced low reflection and high light transmission glass and cell sheet surface cutting technology, in the weak light environment can also play a good performance.













Nominal Operating Cell Temperature (NOCT)	47°C+/−2°C	Front glass	3.2mm tempered glass
Temperature Coefficient of Pmax	-0.47%/℃	Frame	Anodized aluminium alloy
Temperature Coefficient of VOC	-0.346%/℃	Junction box	PV****
Temperature Coefficient of ISC	+0.036%/°C	Connector	Plug and socket
Solar cell	Mono156*156mm	Output cables	PV 4.0mm <sup>2</sup> ,0.9m
No.of cells	72 (6×12)	1*20'	300pcs
Dimensions	1956mm*992mm*40mm	1*40'	624pcs
Weight	22kg	1*40'HQ	715pcs

## **Electrical Characteristics**

Model	RL300HM-72	RL320HM-72	RL340HM-72	RL350HM-72	RL360HM-72	RL370HM-72	RL380HM-72	RL385HM-72		
Maximum Power at STC(Pmax)	300W	320W	340W	350W	360W	370W	380W	385W		
Optimum Operating Voltage (Vmp)	37.39V	37.82V	37.95V	38.11 V	38.27 V	38.43 V	38.59 V	38.67 V		
Optimum Operating Current (Imp)	8.173A	8.461A	8.959A	9.184 A	9.407 A	9.628 A	9.848 A	9.957 A		
Open-Circuit Voltage(Voc)	44.72V	44.84V	46.74V	46.89 V	47.05 V	47.21 V	47.38 V	47.46 V		
Short-Circuit Current (Isc)	9.055A	9.515A	9.399A	9.643 A	9.885 A	10.178 A	11.458A	11.589A		
Solar Cell Efficiency(%)	18.60	18.90	19.76	20.34	20.92	21.54	22.38	22.64		
Solar Module Efficiency (%)	16.49	16.52	17.52	18.04	18.56	19.07	19.58	19.84		
Operating Temperature	-40to85℃									
Maximum System Voltage	DC1000									
Maximum Series Fuse Rating	15A									
Power Tolerance	0~+3%									
STC:Irradiance 1000W/m³,Modules Temperature 25°C,AM=1.5										