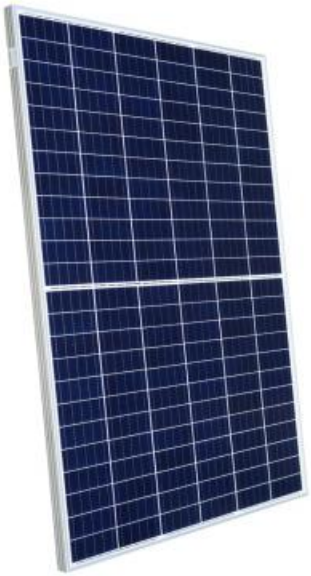
Photovoltaic Module Polycrystalline144



KEY FEATURES

- High module efficiency through superior manufacturing technology
- No power loss thanks to improved temperature co-efficient caused by 5BB perc solar cell
- Strictly control the micro-crack of solar cells and the other non visible defect of internal modules
- Module can bear snow loads up to 5400Pa and wind loads up to 2400Pa
- Manufactured according to and certified international I Quality and Environment Management System
- 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.

Temperature Coefficient and Mechanical Characteristics

Nominal Operating Cell Temperature (NOCT)	45℃+/-2℃		Front glass	3.2mm tempered glass
Temperature Coefficient of Pmax	-0.39%/℃		Frame	Anodized aluminium alloy
Temperature Coefficient of VOC	-0.29%/℃		Junction box	PV-******
Temperature Coefficient of ISC	+0.05%/℃		Connector	Plug and socket
Solar cell	Poly 158*79mm		Output cable	PV 4.0mm², 5cm
No.of cells	144 (6x24)		1*20'	/
Dimensions	2008mm*1002mm*35mm		1*40'	/
Weight	22.5kg		1*40'HQ	660pcs

Electrical Characteristics

Model	RL340HP-144	RL345HP-144	RL350HP-144	RL355HP-144	RL360HP-144
Maximum Power at STC(Pmax)	340W	345W	350W	355W	360W
Optimum Operating Voltage (Vmp)	38.61V	38.84V	39.11V	39.40V	39.70V
Optimum Operating Current (Imp)	9.43A	8.88A	8.95A	9.01A	9.07A
Open-Circuit Voltage(Voc)	46.65V	46.88V	47.1V	47.30V	47.50V
Short-Circuit Current (Isc)	9.43A	9.49A	9.58A	9.67A	9.76A
Solar Module Efficiency (%)	16.9	17.1	17.4	17.6	17.9
Operating Temperature	-40to85℃				
Maximum System Voltage	DC1500				
Maximum Series Fuse Rating	15A				
Power Tolerance	0~+3%				
STC:Irradiance 1000W/㎡,Modules Temperature 25℃,AM=1.5					