



XINSHUN PV

Electrical Data

Module Type	XSSP140P18	XSSP145P18	XSSP150P18	XSSP155P18
Nominal peak power (Wp)	140	145	150	155
Nominal voltage (Vmp)	18.43	18.68	19.04	19.29
Nominal current (Imp)	7.61	7.77	7.90	8.04
Open circuit voltage (Voc)	22.17	22.35	22.64	22.82
Short circuit current (Isc)	8.41	8.51	8.62	8.71
Module efficiency	>14.1%	>14.6%	>15.1%	>15.6%
Operating Temperature	-45—+85°C			
Maximum System Voltage	1000VDC			
STC: AM1.5, 1000W/m ² , 25°C				

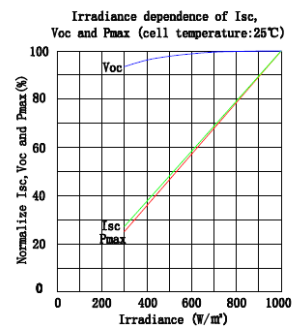
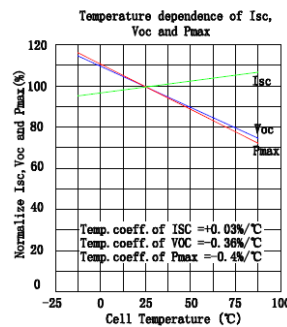
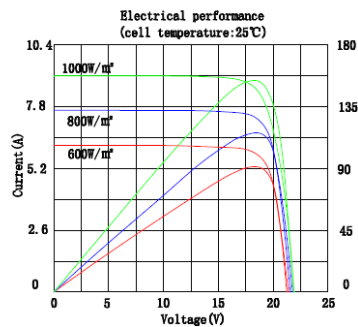
Temperature Coefficients

NOCT:47 ±2°C
Voltage temperature coefficient (Voc): -0.36%/ °C
Current temperature coefficient (Isc): +0.03%/ °C
Power temperature coefficient (Pmmp): -0.40%/ °C
Minimum power tolerance: ±3%
NOCT: Nominal Operating Cell Temperature

Mechanical Data

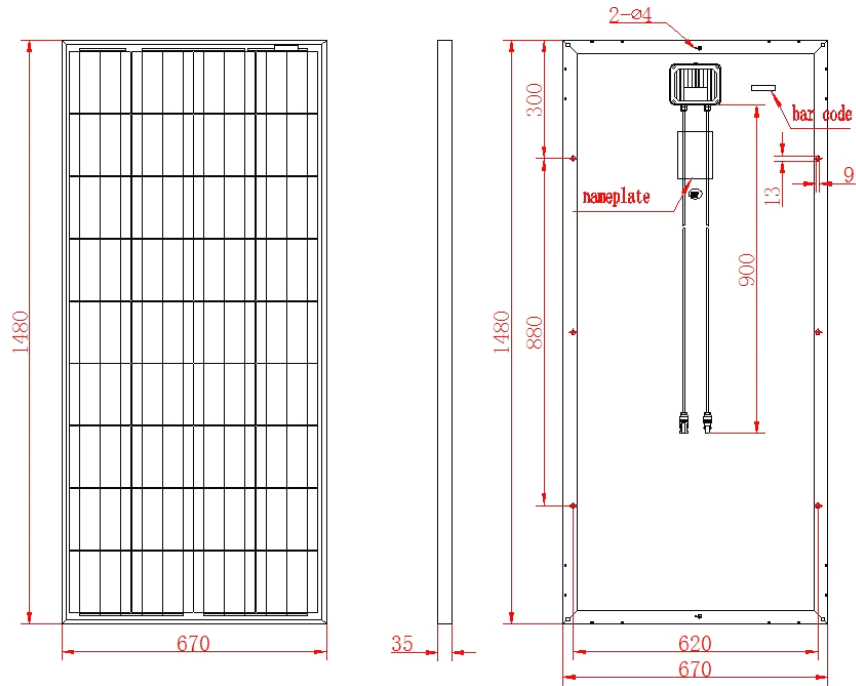
Solar cell: 36 Polycrystalline 156x156mm			
Output Cables: 900mm length/compliable with MC IV connectors			
Dimension: 1480×670×35mm			
Junction Box:IP65 Rated		Front Glass:3.2mm tempered	
Frame:Anodized aluminium		Weight: 11.5Kg	
20 Gp	Packing Size:1530*1150*810mm		40 GP
	Volume:1.43m ³		
	Weight Per set:395Kg		
	Pallets:30*2=60Pcs		
	Quantity:(3*2+1)*60=420Pcs		
Packing Size:1530*1150*810mm		Packing Size:1530*1150*810mm	
Volume:1.43m ³		Volume:1.43m ³	
Weight Per set:395Kg		Weight Per set:395Kg	
Pallets:30*2=60Pcs		Pallets:30*2=60Pcs	
Quantity:(3*2+1)*60=420Pcs		Quantity:(7*2+1)*60=900Pcs	

Typical Electrical Characteristics



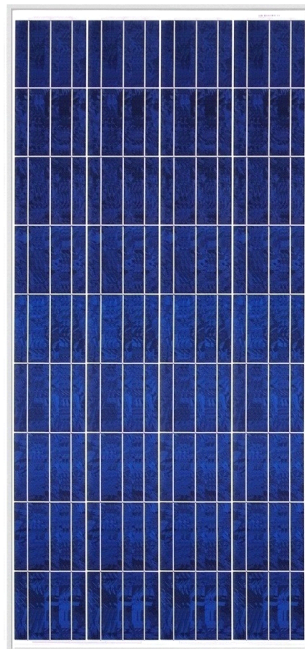


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Warranty

- 10 years workmanship**
- 90% power output after 10 years**
- 80% power output after 25 years**



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