



XINSHUN PV

### Electrical Data

Module Type	XSSP295P36	XSSP300P36	XSSP305P36	XSSP310P36
Nominal peak power (Wp)	295	300	305	310
Nominal voltage (Vmp)	37.72	38.08	38.37	38.59
Nominal current (Imp)	7.83	7.90	7.95	8.04
Open circuit voltage (Voc)	45.00	45.28	45.50	45.64
Short circuit current (Isc)	8.56	8.62	8.68	8.71
Module efficiency	>14.9%	>15.5%	>15.7%	>16.0%
Operating Temperature	-45—+85°C			
Maximum System Voltage	1000VDC			
STC: AM1.5,1000W/m <sup>2</sup> , 25°C				

### Temperature Coefficients

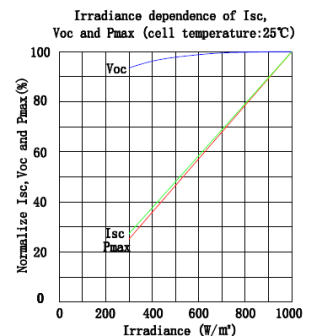
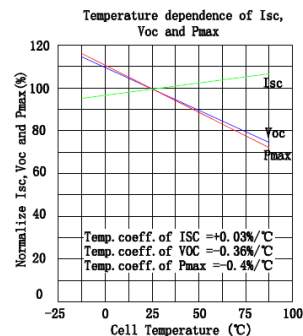
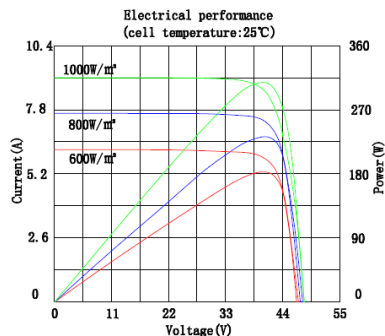
NOCT:47 ±2°C
Voltage temperature coefficient (Voc): -0.36%/ °C
Current temperature coefficient (Isc): +0.03%/ °C
Power temperature coefficient (Pmpp): -0.40%/ °C
Minimum power tolerance: ±3%
NOCT: Nominal Operating Cell Temperature

### Mechanical Data

Solar cell: 72 Polycrystalline 156x156mm			
Output Cables: 900mm length/compliable with MC IV connectors			
Dimension: 1960×990×45mm			
Junction Box:IP65 Rated		Front Glass:3.2mm tempered	
Frame:Anodized aluminium		Weight: 22.5Kg	
20 Gp	Packing Size:2000*1030*1110mm		40 HP
	Volume:2.29m <sup>3</sup>		
	Weight Per set:540Kg		
	Pallets:21*2=42Pcs		
	Quantity:(2*2+1)*42=210Pcs		
		Packing Size:2000*1150*1130mm	
		Volume:2.60m <sup>3</sup>	
		Weight Per set:485Kg	
		Pallets:23*2=46Pcs	
		Quantity:6*2*46=552Pcs	

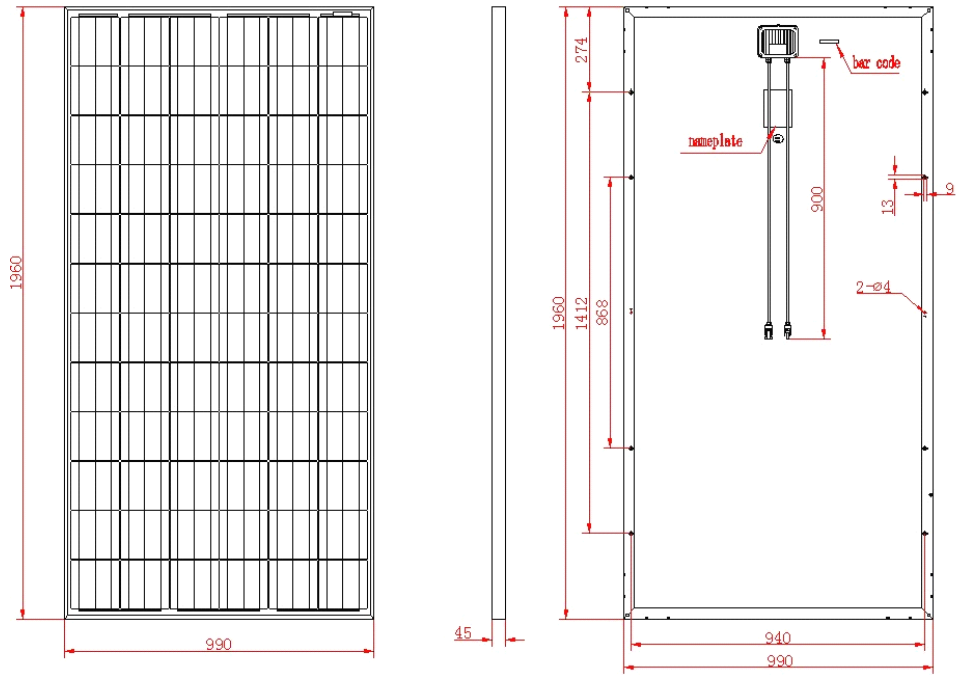


### Typical Electrical Characteristics





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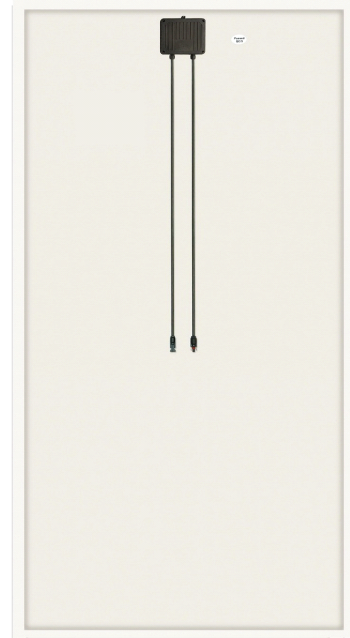
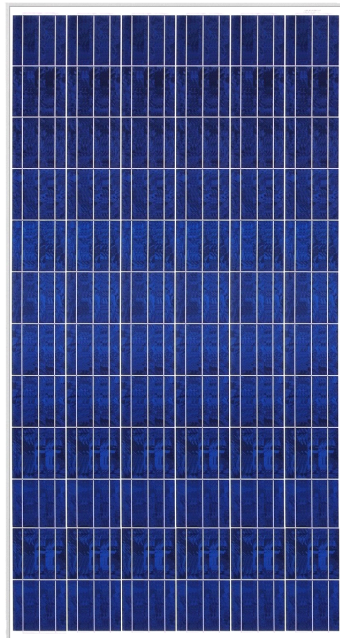


### Warranty

**10 years workmanship**

**90% power output after 10 years**

**80% power output after 25 years**



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