



XINSHUN PV

### Electrical Data

Module Type	XSSP190M36	XSSP195M36	XSSP200M36	XSSP205M36
Nominal peak power (Wp)	190	195	200	205
Nominal voltage (Vmp)	37.15	37.51	38.23	38.52
Nominal current (Imp)	5.13	5.20	5.25	5.33
Open circuit voltage (Voc)	45.07	45.28	45.72	45.86
Short circuit current (Isc)	5.78	5.81	5.84	5.87
Module efficiency	>14.9%	>15.3%	>15.7%	>16.1%
Operating Temperature	-45—+85°C			
Maximum System Voltage	1000VDC			
STC: AM1.5 ,1000W/m <sup>2</sup> ,25°C				

### Temperature Coefficients

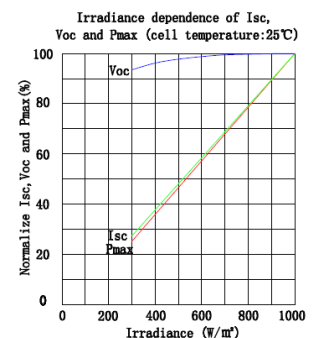
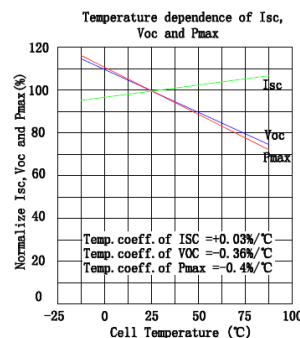
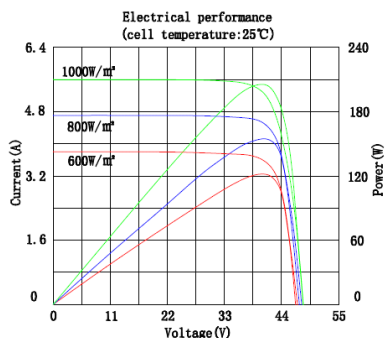
NOCT:47 ±2°C
Voltage temperature coefficient (Voc): -0.36%/ °C
Current temperature coefficient (Isc): +0.03%/ °C
Power temperature coefficient (Pmmp): -0.40%/ °C
Minimum power tolerance: ±3%
NOCT: Nominal Operating Cell Temperature

### Mechanical Data

Solar cell:72 Monocrystalline 125x125mm			
Output Cables: 900mm length/compliable with MC IV connectors			
Dimension: 1580×808×40mm			
Junction Box:IP65 Rated		Front Glass:3.2mm tempered	
Frame:Anodized aluminium		Weight: 14.8Kg	
20 Gp	Packing Size:1630*1150*950mm		40 HP
	Volume:1.78m <sup>3</sup>		
	Weight Per set:450Kg		
	Pallets:26*2=52Pcs		
Quantity:3*2*52=312Pcs		Quantity:7*2*52=728Pcs	

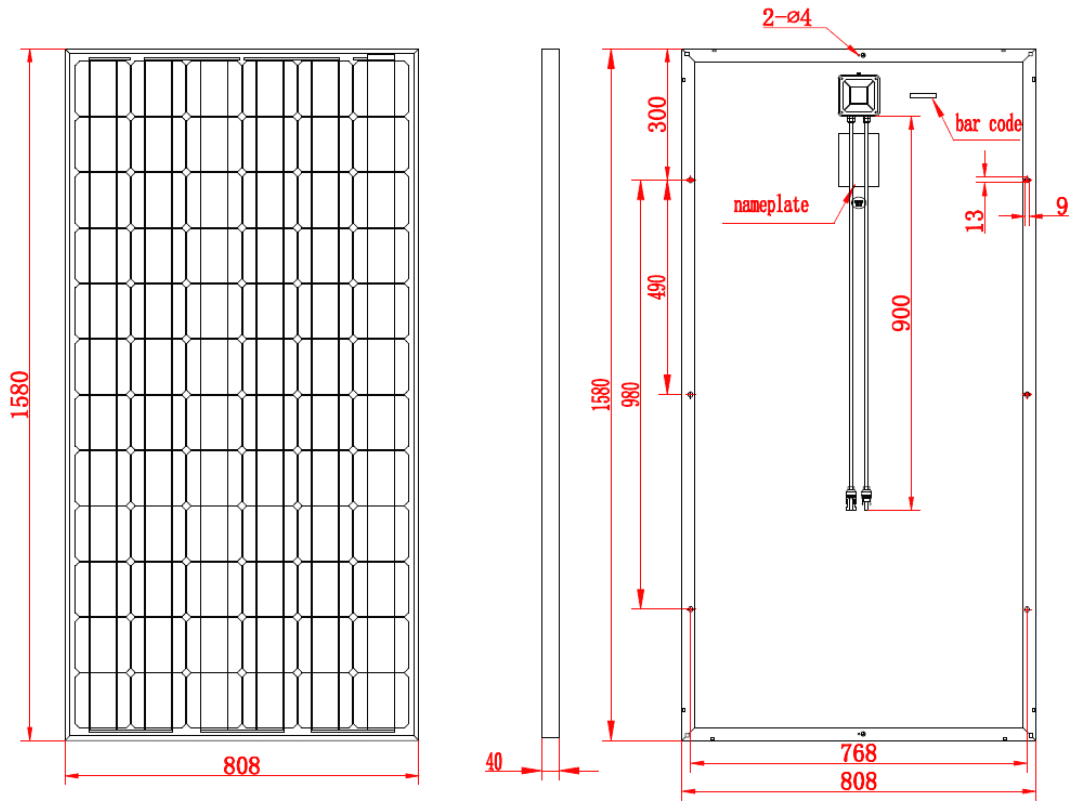


### Typical Electrical Characteristics



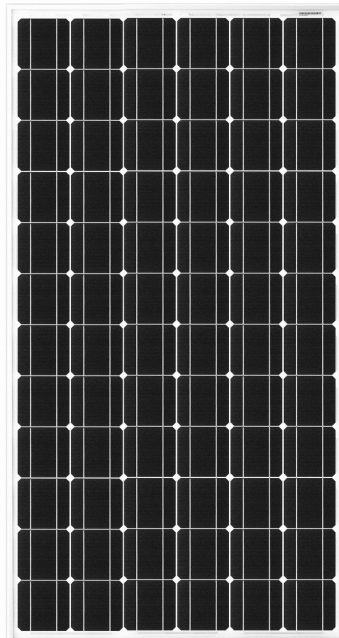


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Warranty

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



Tel: (+86 579) 89092727 Fax: (+86 579) 8777 6703

E-mail: [xinshun@xinshungroup.com](mailto:xinshun@xinshungroup.com) Website: <http://www.xinshunpv.com>

Add: Baiyang Avenue, Baiyang Economic Development Zone Wuyi County Zhejiang  
P.C.: 321200