

# PS-P660 SERIES

## PRODUCT DESCRIPTION

PS-P660 Series solar module is connected in series by 60 pieces of 156mm×156mm Poly Crystalline silicon cells. The product performance is produced according to IEC61215, IEC61730 international standard. PS-P660 Series solar module includes 200W, 205W, 210W, 215W, 220W, 225W, 230W, 235W, 240W. It can also be tailored to special requirements of customers.

## MODULE CHARACTERISTICS

Manufactured according to international quality and Environment Management System (ISO9001, ISO14001)  
High efficiency crystalline silicon solar cells  
High transmission low iron tempered glass, strong mechanical resistance  
Anti-ageing EVA and excellent anti-climate back sheet  
Anodized aluminum frame improves load resistance capabilities for heavy wind loads.  
Standard waterproof junction box  
High endurance to different weather  
Good and friendly package with less transportation and storage space.

## Warranty

10 years limited manufacturing warranty  
10 years for 90% of warranted minimum power  
25 years for 80% of warranted minimum power



## ELECTRIC CHARACTERISTICS

CELL TYPE	156 X 156 POLY SOLAR CELL								
ITEM	PS-P660200	PS-P660205	PS-P660210	PS-P660215	PS-P660220	PS-P660225	PS-P660230	PS-P660235	PS-P660240
Maximum Power(Wp)	204.9	209.9	214.9	219.9	224.9	229.9	234.9	239.9	244.9
Open circuit Voltage (Voc)	35.3	35.7	36.2	36.5	36.8	36.9	37.2	37.4	37.7
Short circuit Current (Isc)	7.40	7.55	7.70	7.90	8.05	8.25	8.40	8.55	8.70
Maximum Power Voltage (Vm)	29.1	29.2	29.4	29.5	29.7	29.8	30.0	30.2	30.4
Maximum Power Current (Im)	6.87	7.02	7.14	7.29	7.41	7.55	7.67	7.78	7.90
Cell Efficiency [%]	14.12	14.47	14.83	15.18	15.53	15.89	16.24	16.59	16.94
Module Efficiency [%]	12.32	12.63	12.93	13.24	13.55	13.86	14.17	14.47	14.78
Maximum Series Fuse	15A								
No. of Diode	6								
Maximum system voltage	1000 VDC								
Number of cells	60 (6×10)								
Output tolerance	±3%								
Standard Test conditions	STC: AM 1.5, 1000w/m <sup>2</sup> , Module Temperature 25°C								
Size of module	1640×990×50mm								
Installing hole	800×940、1300×940mm								
Weight per piece	20Kg								
Cable type and Length	4 mm <sup>2</sup> , 1200mm								
Type of Connector	Type IV								

## TEMPERATURE CHARACTERISTICS

Type	PS-P660 Series
NOCT**	45±2 °C
Temperature Coefficient of Pmax	-0.45 % / °C
Temperature Coefficient of Voc	-0.33 % / °C
Temperature Coefficient of Isc	0.055 % / °C
Operating Temperature	-40°C to +85°C

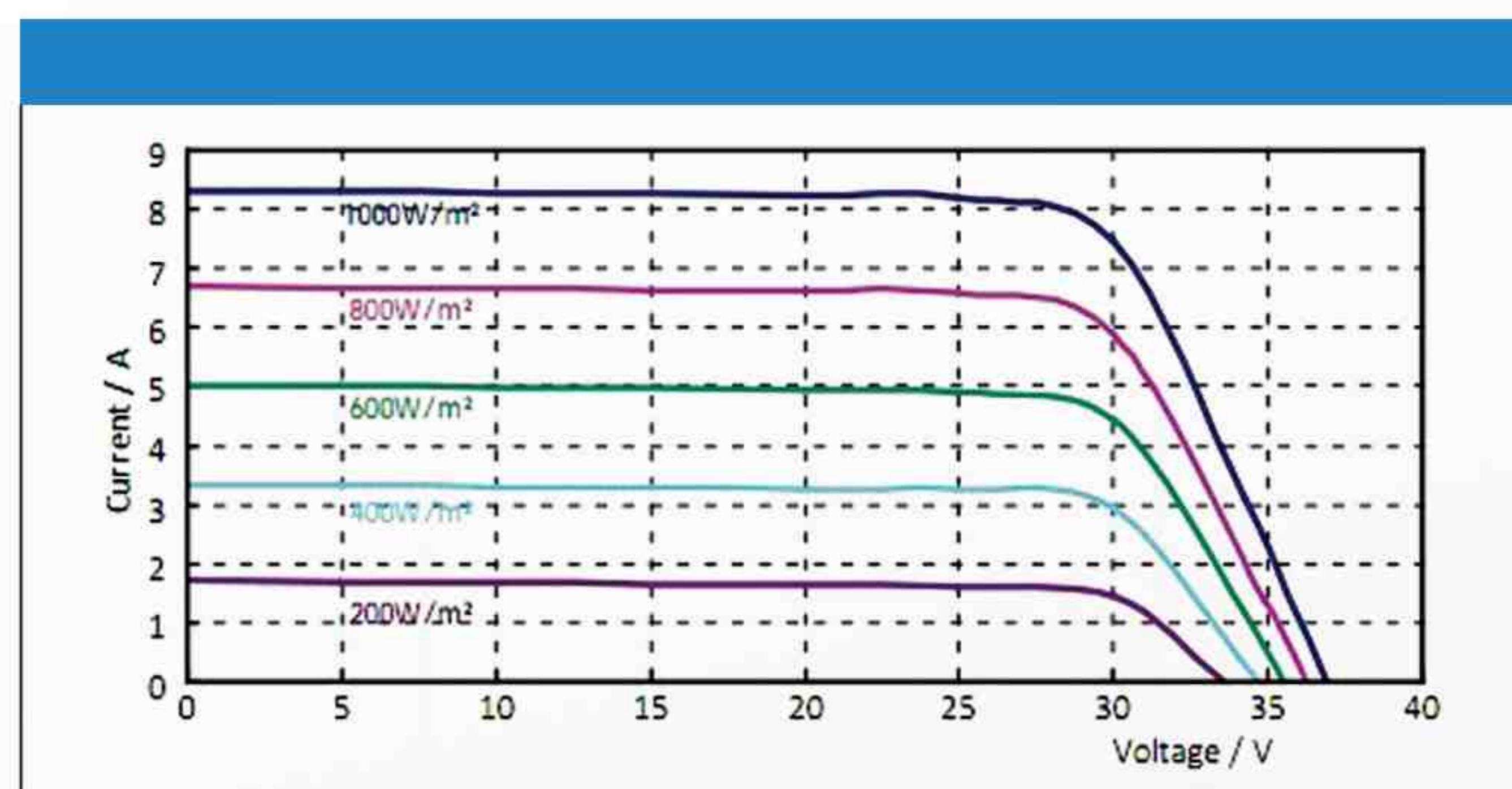
## MECHANICAL CHARACTERISTICS

Type	PS-P660 Series
Solar Cells	polycrystalline cells 156mm
Front Cover	3.2mm thick, low iron tempered glass
Back Cover	TPT/DNP
Encapsulant	EVA
Frame	Anodized aluminium alloy, double wall
Diodes	Bypass diodes serviceable
Junction Box	IP65 rated
Connector	MC4 or compatible connector
Cables	Length: 1200 mm / Section: 4.0mm <sup>2</sup>
Dimension	1640×990×50mm
Weight	20Kg
Max.Load	5400Pa

## PACKING CONFIGURATION

Type	PS-P660 Series
Packing Configuration	28boxes / 40ft
Quantity / Pallet	20pcs / pallet / box
Loading Capacity	240 pcs. / 20ft
	560 pcs. / 40ft
	602 pcs. / 40ft (H)

## IV CURVE AT DIFFERENT IRRADIANCE LEVELS



## DIMENSIONS

