

POLY CRYSTALLINE MODULES - JP60F

JJ PV Solar introduces all new line of high performance modules in wide applications

KEY FEATURES

Our solar Modules offers high conversion efficiency

Our high performing modules have an industry low tolerance of $\pm 3\%$

Can withstand high wind pressure ,snow load & extreme temperature



QUALITY & SAFETY

Industry leading power output warranty(12/90%,25/80%)

ISO 9001:2008(Quality Management system)certified company

Certified for IEC 61215 and IEC 61730 Safety Standard II by TUV Intercert

APPLICATIONS

Off-grid residential roof-tops & other applications

On-grid commercial/Industrial roof-tops

CHARACTERISTICS

Type of Cell : Mono / Multi Crystalline Cells

Front Face : Tempered Glass (Low iron)

Frame : Anodized Aluminum, Corner Insert, Screw less

Junction Box : TUV & UL Approved, IP 65 Protected, With Diodes

Warranty : 25 Years Limited extended warranty



JJ PV Solar Pvt. Ltd.

Nr. Vikas Stove, Bh. Hargange Weighbridge,

Vill. Veraval (Shapar), Rajkot - 360 024. Gujarat, India.

Tel : + 91 2827 254474 Fax : + 91 2827 254476

e-mail : sales@jjpvsolar.com Web : www.jjpvsolar.com

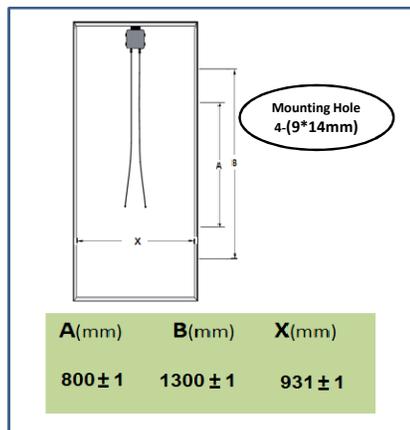


TECHNICAL SPECIFICATIONS

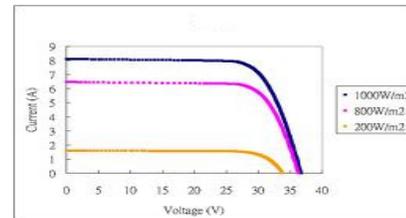
Electrical Parameters					
Model	JP60F200	JP60F210	JP60F220	JP60F230	JP60F240
Rated Power(Pm) watt (Nominal)	200	210	220	230	240
Volt at Max. power(Vmp in Volt)	27.5	28.4	28.6	29.2	29.5
Open circuit voltage(Voc in Volt)	34.28	36.26	36.68	37	37.2
Current at Max. Power(Impp in Amp)	7.3	7.4	7.7	7.9	8.13
Short circuit current(Isc in Amp)	7.84	8.2	8.3	8.4	8.58
Fill factor(FF in %)	>70				
Module efficiency (%)	14~15				
Standard Test condition	Irradiance:1000W/M ² Temp: 25°C & AM :1.5G spectrum				
Temp.coeff. Of Pmax(%/K)	-0.44				
Temp.coeff. Of Voltage(mV/K)	-2.13				
Temp.coeff. Of current(mA/K)	4.46				
Max.system voltage(Volt)	1000				
NOCT (Nominal operat. Cell temp in °c)	47.0±2				
Tolerance of rated power(%)	Positive Tolerance(+3)				

Mechanical Parameters								
Family	Cells	Glass	Alu. Frame	Junction Box	Cable & Connector	Dimension	Weight	Packing Standard
JP60F	60 cells (10x6) of 156 mm Multi-crystalline	High transmission, low iron, tempered and textured glass, 3.2mm	Silver Anodized Aluminum Alloy	IEC/ UL approved IP65 rated 4 terminal junction box with 3 by-pass diodes (20A, 600V)	1MtrX2 cable of 4Sq-mm/12AWG(Black) with MC4 compatible connectors	1659 X 982 X 40(mm) or 65.32 X 38.66 X 1.57(inch)	19 kg.	24 Module / palate 26 palate / 40 Ft. Cont.

Mounting hole distance



I-V Curve with various irradiance level



Dependence of Temperature

