



# JT PPg

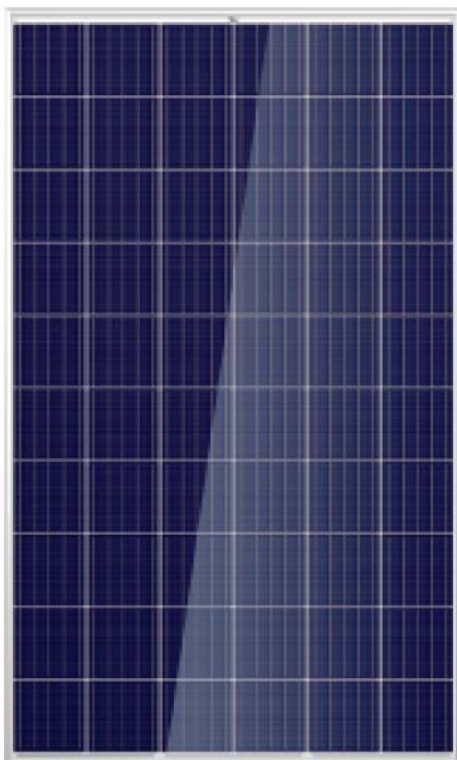
Multi-crystalline 156x156 Module

60 cells  
Multicrystalline Module

17.8%  
Max Efficiency

250-290w  
Output Power

0~+5W  
Power Tolerance



## Key Features



### High conversion efficiency

High module conversion efficiency, through innovative manufacturing technology.



### Low-light Performance

Excellent module efficiency even in the weak light conditions, such as morning or cloudy.



### Severe Weather Resilience

Certified to withstand : wind load (2400 Pascal) and snow load (5400 Pascal).



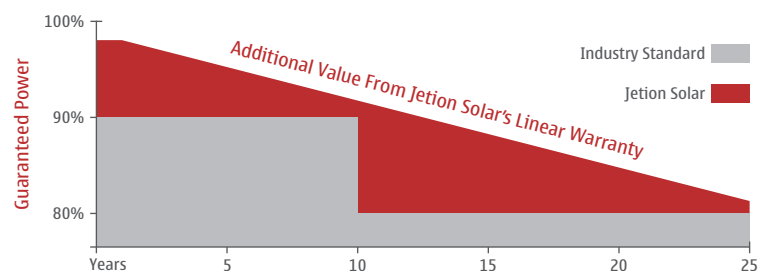
### Durability against extreme environmental conditions

High salt mist and PID certified by TUV SUD(Optional).



## Linear Performance Warranty

10 Year Product Warranty / 25 Year Linear Power Warranty



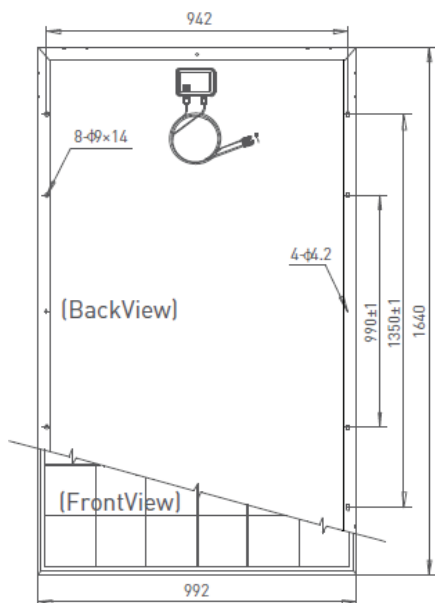
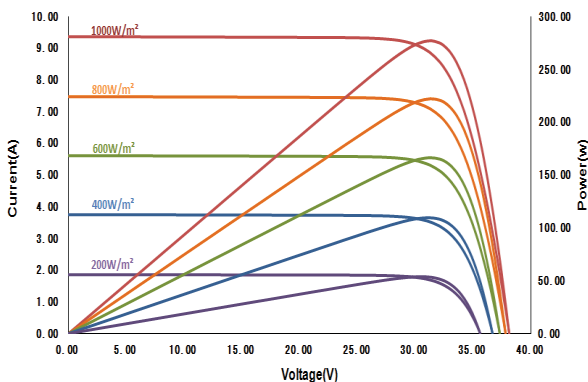
All specified Parameters are at STC 25 °C Ambient ,1000W/m<sup>2</sup> irradiance and AM1.5

STC		Electrical Characteristics					
Type		JT265PPg	JT270PPg	JT275PPg	JT280PPg	JT285PPg	JT290PPg
Module Power Range	(W)	265≤Pm<270	270≤Pm<275	275≤Pm<280	280≤Pm<285	285≤Pm<290	290≤Pm
Max-Power	Pm(W)	265	270	275	280	285	290
Max-Power Voltage	Vm(V)	30.7	30.9	31.1	31.3	31.5	31.8
Max-Power Current	Im(A)	8.69	8.79	8.89	9.00	9.10	9.17
Open-Circuit Voltage	Voc(V)	37.7	37.9	38.1	38.3	38.5	38.8
Short-Circuit Current	Isc(A)	9.20	9.27	9.35	9.45	9.54	9.61
Module Efficiency	(%)	16.3	16.6	16.9	17.2	17.5	17.8
Pm Temperature Coefficients	(%/°C)				-0.42		
Voc Temperature Coefficients	(%/°C)				-0.32		
Isc Temperature Coefficients	(%/°C)				0.05		

Class AAA solar simulator (IEC 60904-4), power or current measurement uncertainty is within ±3%,voltage is within ±2%.

Varied Irradiation Efficiencies					
Irradiance(W/m <sup>2</sup> )	200	400	600	800	1000
Efficiency (%)	16.4	16.8	17.0	17.0	16.9

I-V Curves at different Irradiances



NOCT	JT270PPg	JT275PPg	
Max-Power	Pm(W)	199.6	203.2
Max-Power Voltage	Vm(V)	28.5	28.7
Max-Power Current	Im(A)	7.01	7.09
Open-Circuit Voltage	Voc(V)	35.0	35.2
Short-Circuit Current	Isc(A)	7.48	7.54
NOCT Nominal Operating Cell Temperature		45±2°C	

NOCT: Irradiance 800W/m<sup>2</sup>, ambient temperature 20 °C, AM=1.5, wind speed 1m/s.

Absolute Ratings	
Dielectric Insulation Voltage	6000/8000V
Operating Temperature (°C)	-40~+85
Max-System Voltage (V DC)	1000/1500
Max.Series Fuse (A)	15
Maximum load rating	5400Pa(112.78lbf/ft <sup>2</sup> )

Mechanical Parameters	
Cable type,Diameter and Length	4mm <sup>2</sup> ,TUV certified,1000mm
Type of Connector	Compatible with MC4 plug
Number,type and arrangement of cells	60pcs,Multi-Crystalline Silicon(6×10)
Cell Size (mm)	156.75x156.75
Dimension (mm)	1640x992x35
Weight (Kg)	18
No.of Draining Holes in Frame	16
Glass,Type and Thickness	Low Iron,High Transmission,Tempered Glass 3.2 mm

Packaging Configuration	
Packing Configuration	30 pcs/box
Quantity/Pallet	60 pcs/pallet
Loading Capacity	840 pcs/40ft(H)

Specifications included in this datasheet are subject to change without prior notice.