



JT PPg

Black silicon-crystalline Module

60 cells Multicrystalline Module	17.3% Max Efficiency
260-280W Output Power	0~+5W Power Tolerance



Key Features



4 busbar solar cell
No power loss thanks to improved temperature co-efficient caused by 4 busbar solar cell.



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.



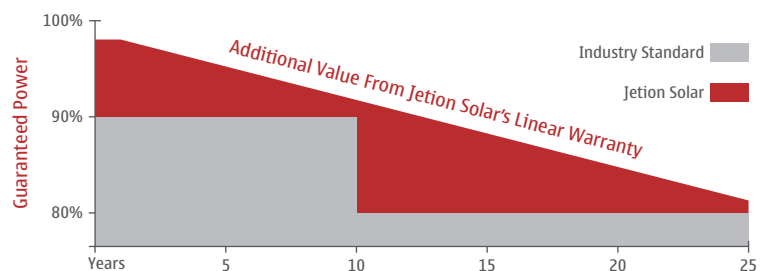
Aesthetic appearance
Aesthetic appearance due to a uniform, darken module design, ideal for demanding architectural applications.



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

Linear Performance Warranty

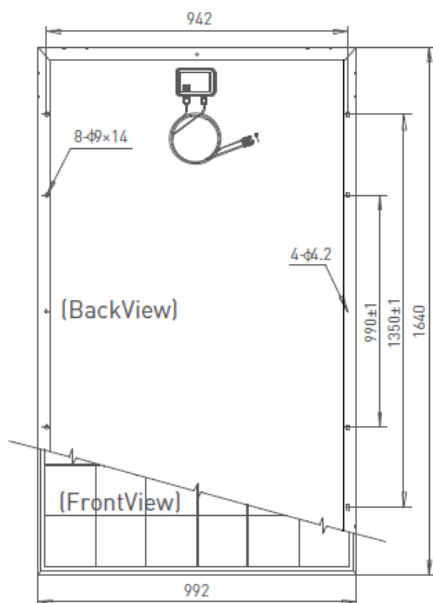
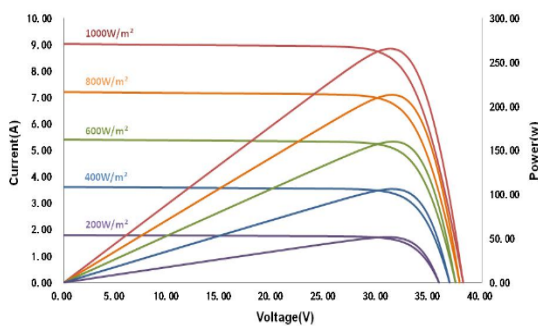
10 Year Product Warranty / 25 Year Linear Power Warranty



All specified Parameters are at STC 25 °C Ambient ,1000W/m² irradiance and AM1.5

STC		Electrical Characteristics				
Type		JT260PPg	JT265PPg	JT270PPg	JT275PPg	JT280PPg
Module Power Range	(W)	260≤Pm<265	265≤Pm<270	270≤Pm<275	275≤Pm<280	280≤Pm
Max-Power	Pm(W)	260	265	270	275	280
Max-Power Voltage	Vm(V)	30.9	31.2	31.5	31.8	32.1
Max-Power Current	Im(A)	8.44	8.52	8.60	8.68	8.76
Open-Circuit Voltage	Voc(V)	38.0	38.2	38.4	38.6	38.8
Short-Circuit Current	Isc(A)	8.98	9.03	9.08	9.13	9.18
Module Efficiency	(%)	16.1	16.4	16.7	17.0	17.3
Pm Temperature Coefficients	(%/°C)			-0.42		
Voc Temperature Coefficients	(%/°C)			-0.34		
Isc Temperature Coefficients	(%/°C)			0.04		
Class AAA solar simulator (IEC 60904-4), electrical data measurement uncertainty is within ±3%						

I-V Curves at different Irradiances



NOCT		JT275PPg	JT280PPg
Max-Power	Pm(W)	202.5	206.0
Max-Power Voltage	Vm(V)	29.1	29.5
Max-Power Current	Im(A)	6.96	6.99
Open-Circuit Voltage	Voc(V)	35.5	35.7
Short-Circuit Current	Isc(A)	7.36	7.40
NOCT Nominal Operating Cell Temperature		45±2 °C	

NOCT: Irradiance 800W/m², ambient temperature 20 °C, AM=1.5, wind speed 1m/s.

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

Mechanical Parameters		
Cable type,Diameter and Length		4mm ² ,TUV certified,1000mm
Type of Connector		Compatible with MC4 plug
Number,type and arrangement of cells		60pcs,Black silicon-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.