

SOLAR JT PAG

156X156 MODULE SERIES
POLYCRYSTALLINE
SOLAR MODULE

BRAND: 

JETION
SOLAR

305W, 310W, 315W, 320W, 325W



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)

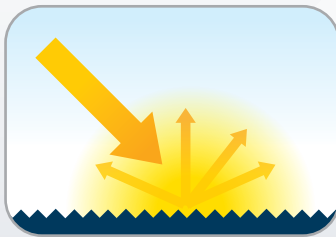
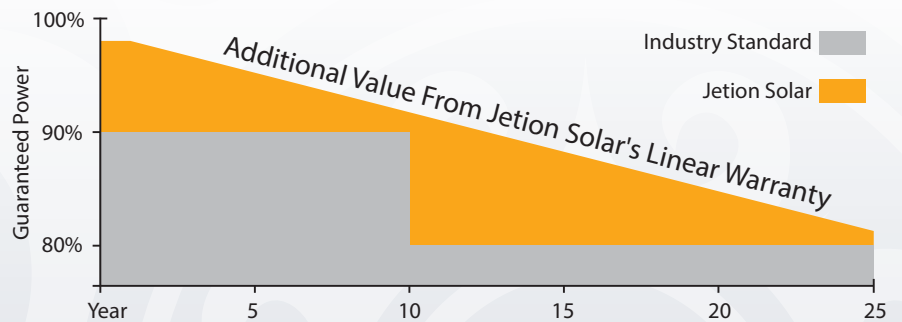


Durability against extreme environmental conditions

High salt mist and ammonia resistance certified by TUV SUD.

Linear Performance Warranty

10 Year Product Warranty / 25 Year Linear Power Warranty



JT PAg Solar PV Panel:

Diffuse reflection: **under 15% reflection**



Other Brands Solar PV Panel:
Specular reflection

GUARANTEE

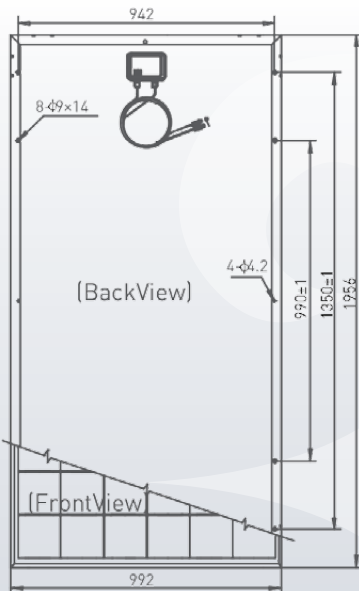
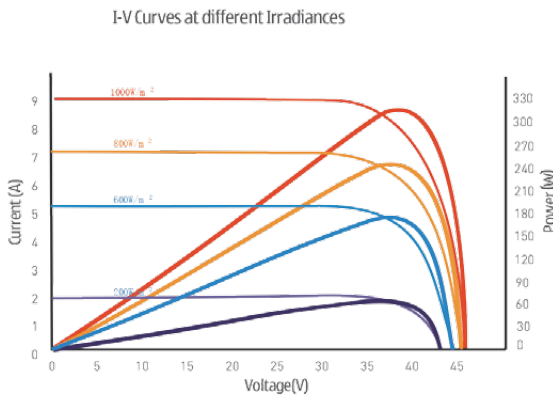
We provide a 10 years material and workmanship guarantee for our modules. In addition, a 90%-power-output guarantee for 10 years and a 80%-power-output guarantee for 25 years of the modules life are provided.



KELLON WEBSITE: WWW.KELLON.NET

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

STC		Electrical Characteristics				
Tape		JT305PAg	JT310PAg	JT315PAg	JT320PAg	JT325PAg
Module Power Range	(W)	305≤PM≤310	310≤PM≤315	315≤PM≤320	320≤PM≤325	325≤PM
Max-Power	Pm(W)	305	310	315	320	325
Max-Power Voltage	Vm(V)	36.7	37.0	37.3	37.6	37.9
Max-Power Current	Im(A)	8.35	8.42	8.49	8.56	8.63
Open-Circuit Voltage	Voc(V)	45.3	45.5	45.8	46.1	46.4
Short-Circuit Current	Isc(A)	8.88	8.93	8.98	9.03	9.08
Module Efficiency	(%)	15.7	16.0	16.2	16.5	16.7
PM Temperature Coefficients	(% / °C)			-0.43		
Voc Temperature Coefficients	(% / °C)			-0.35		
Isc Temperature Coefficients	(% / °C)			0.04		
Class AAA solar simulator (IEC 60904-4), electrical data measurement uncertainty is within ±3%						



NOCT		JT320PAg	JT325PAg
Max-Power	Pm(W)	234.8	238.9
Max-Power Voltage	Vm(V)	34.6	34.9
Max-Power Current	Im(A)	6.79	6.80
Open-Circuit Voltage	Voc(V)	42.3	42.5
Short-Circuit Current	Isc(A)	7.28	7.32
NOCT Nominal Operating Cell Temperature		45±2°C	

Absolute Ratings	
Dielectric Insulation Voltage	3000V
Operating Temperature (°C)	-40~+85
Max-System Voltage (VDC)	1000V
Max-Series Fuse (A)	15
Maximum load rating	5400Pa(112.78lbf/ft²)

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

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	72pcs, Mono-Crystalline Silicon(6×10)
Cell Size (mm)	156x156
Dimension (mm)	1956x992x40
Weight (Kg)	25.5
No. of Draining Holes in Frame	16
Glass, Type and Thickness	Low Iron, High Transmission, Tempered Glass 3.2 mm

Packaging Configuration	
Packing Configuration	27pcs/box
Quantity/Pallet	54 pcs/pallet
Loading Capacity	648 pcs/40ft(H)

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