



Visionary Green Energy

Jetion Solar (China) Co.,Ltd

www.jetion.com.cn

1500V JT PAg

Multi-crystalline 156x156 Module

72 cells
Multicrystalline Module

16.8%
Max Efficiency

305-325W
Output Power

0~+5W
Power Tolerance



Key Features



Increased "system pressure"

Maximum system voltage up to 1500V, enhance the system side of the string length 50%, reducing the overall system BOS.



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).



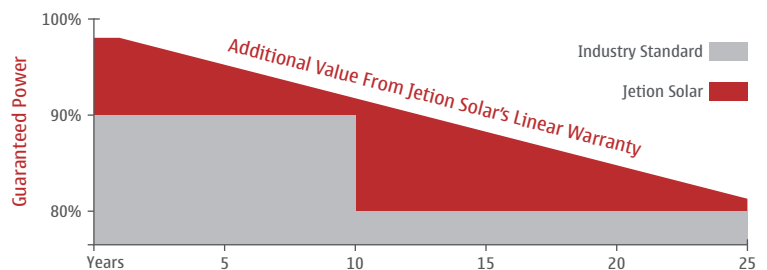
Durability against extreme environmental conditions

High salt mist and ammonia resistance certified by TUV SUD.



Linear Performance Warranty

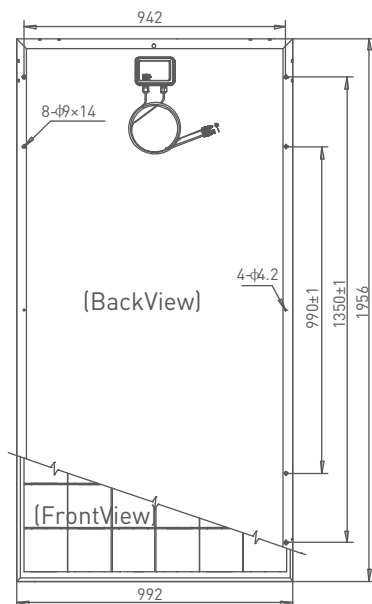
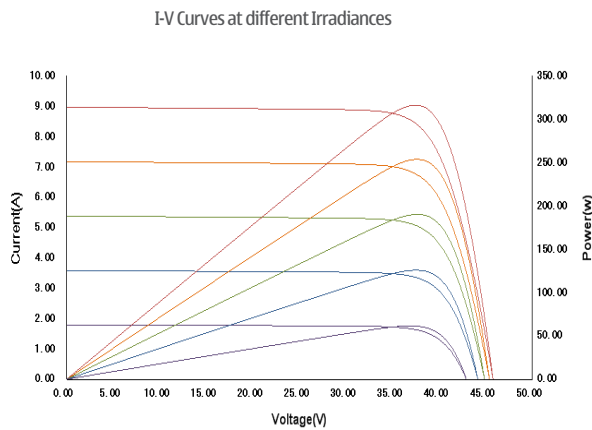
10 Year Product Warranty / 25 Year Linear Power Warranty



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

STC		Electrical Characteristics				
Type		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	(%)	15.8	16.1	16.3	16.6	16.8
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	8000V
Operating Temperature (°C)	-40~+85
Max-System Voltage (V DC)	1500 (IEC)
Max.Series Fuse (A)	15
Maximum load rating	5400Pa(112.78lbf/ft ²)

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, Multi-Crystalline Silicon (6×12)
Cell Size (mm)	156.75x156.75
Dimension (mm)	1956x992x40
Weight (Kg)	25.5
No. of Draining Holes in Frame	16
Glass, Type and Thickness	Low Iron, High Transmission, Tempered Glass 4.0mm

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.