



Jetion Solar (Thailand) Co.,Ltd

JT PAg

Multi-crystalline 156x156 Module

72 cells
Multicrystalline Module

17.8%
Max Efficiency

300-345W
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).

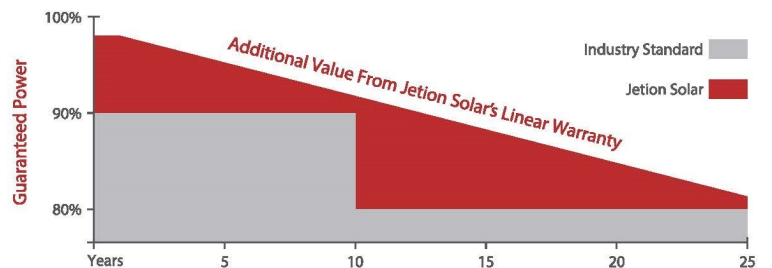


Durability against extreme environmental conditions
High salt mist and ammonia resistance certified by TUV SUD.



Linear Performance Warranty

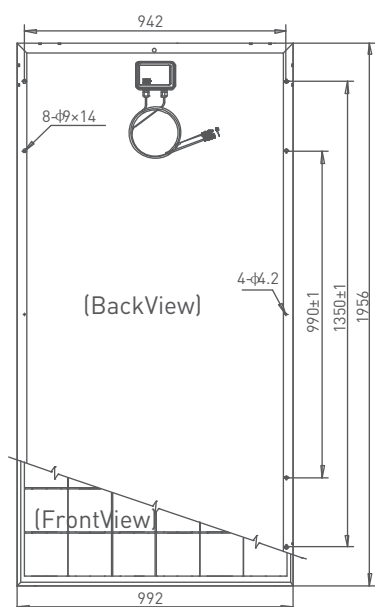
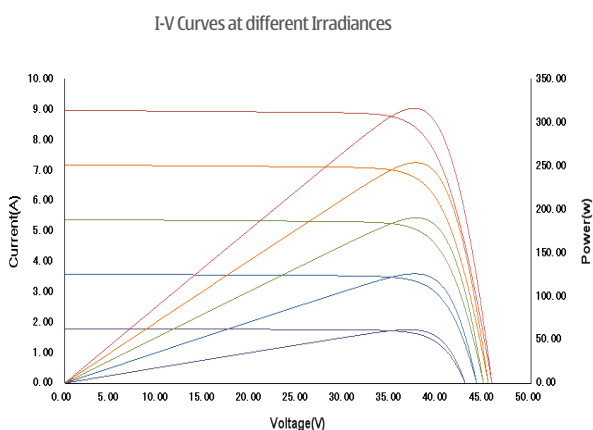
10 Year Product Warranty / 25 Year Linear Power Warranty



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

STC		Electrical Characteristics									
Tape		JT300PAg	JT305PAg	JT310PAg	JT315PAg	JT320PAg	JT325PAg	JT330PAg	JT335PAg	JT340PAg	JT345PAg
Module Power Range	(W)	300≤Pm<305	305≤Pm<310	310≤Pm<315	315≤Pm<320	320≤Pm<325	325≤Pm<330	330≤Pm<335	335≤Pm<340	340≤Pm<345	345≤Pm
Max-Power	Pm(W)	300	305	310	315	320	325	330	335	340	345
Max-Power Voltage	Vm(V)	36.4	36.7	37.0	37.3	37.6	37.9	38.1	38.3	38.5	38.7
Max-Power Current	Im(A)	8.28	8.35	8.42	8.49	8.56	8.63	8.71	8.80	8.89	8.97
Open-Circuit Voltage	Voc(V)	45.1	45.3	45.5	45.8	46.1	46.4	46.6	46.8	47.0	47.2
Short-Circuit Current	Isc(A)	8.83	8.88	8.93	8.98	9.03	9.08	9.14	9.23	9.32	9.39
Module Efficiency	(%)	15.4	15.7	16.0	16.2	16.5	16.7	17.0	17.3	17.5	17.8
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		

NOCT: Irradiance 800W/m², 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 ²)

Mechanical Parameters	
Cable type, Diameter and Length	4mm ² , TUV certified, 1200mm
Type of Connector	ZH202, Compatible with MC4 plug
Number, type and arrangement of cells	72pcs, Multi-Crystalline Silicon (6×12)
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 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.