



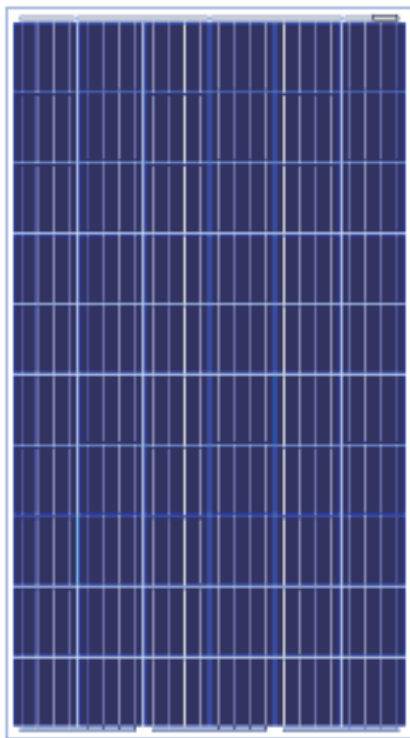
JT PXg
The Dual-glass Module

60 cells
MulticryStalline Module

17.1%
Max Efficiency

255-280w
Output Power

0~+5w
Power Tolerance



Key Features



Enhance durability reliability

PID resistant and free of snail trails
Increased module robustness to minimize micro-cracks



Enhance component value

Higher maximum system voltage reduces BOS costs
30 year linear warranty
0.5% annual degradation



Severe Weather Resilience

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

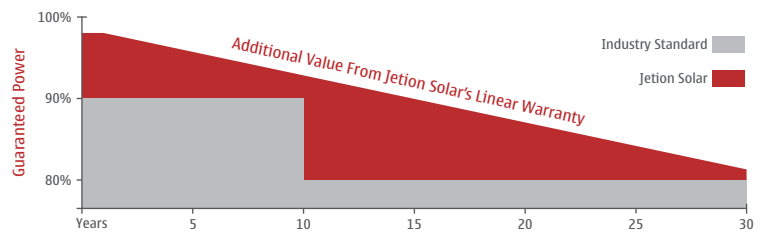


Durability against extreme environmental conditions

High salt mist and ammonia resistance certified by TUV SUD.

Jetion Solar's Dual-glass Module Linear Performance Warranty

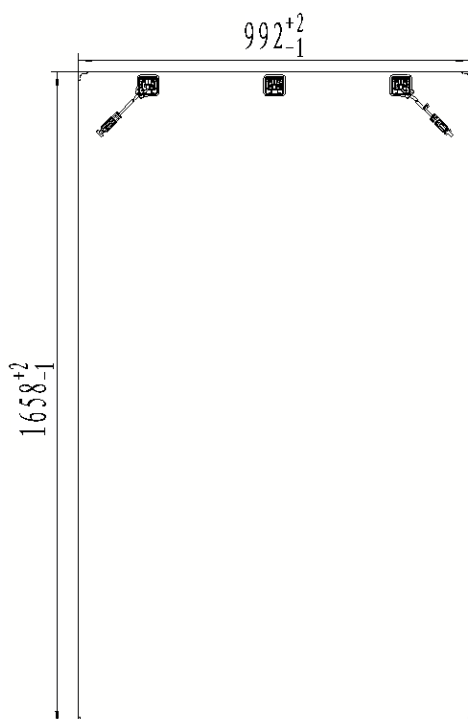
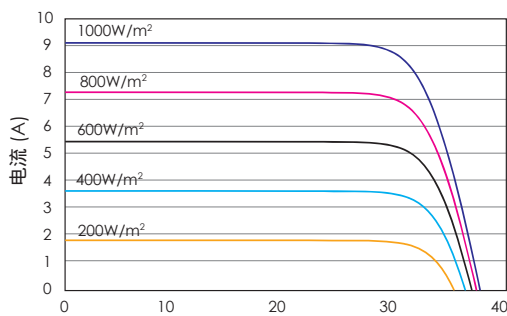
10 Year Product Warranty / 30 Year Linear Power Warranty



Mechanical Parameters

Solar cells	Multicrystalline 156.75 × 156.75 mm
Cell orientation	60 cells (6 × 10)
Module dimensions	1658 × 992 × 6 mm (1658 × 992 × 25 mm with junction box)
Weight	23 kg
Front Glass	2.5 mm, High Transmission, AR Coated and Tempered glass
EVA	White/ Transparent
Back Glass	2.5 mm Heat Strengthened glass
Frame	Frameless
J-Box	IP 65 or IP 67
Cables	4 mm ² - 225mm/75mm, vertical installation of PV cable
Connector	MC4-EV03 Comp

I-V Curves at different Irradiances



Electrical Characteristics (STC)

Max-Power (W)	255	260	265	270	275	280
Power Tolerance (W)	0~+5					
Max-Power Voltage-V _m (V)	30.5	30.8	31.1	31.3	31.5	31.7
Max-Power Current-I _m (A)	8.38	8.46	8.54	8.65	8.76	8.88
Open-Circuit Voltage-V _{oc} (V)	37.5	37.7	37.8	38.1	38.3	38.5
Short-Circuit Current-I _{sc} (A)	8.96	9.03	9.10	9.18	9.25	9.33
Module Efficiency η _m (%)	15.6	15.9	16.2	16.5	16.8	17.1

STC: Irradiance 1000 W/m², Cell Temperature 25°C, Air Mass AM1.5.

NOCT

Max-Power (W)	188	192	196	199	203	206
Max-Power Voltage-V _{mpp} (V)	27.8	28.1	28.3	28.6	28.9	29.1
Maximum Power Current-I _{mpp} (A)	6.77	6.84	6.93	6.96	7.02	7.08
Open Circuit Voltage-V _{oc} (V)	34.4	34.6	34.8	35.0	35.2	35.4
Short Circuit Current-I _{sc} (A)	7.20	7.28	7.35	7.40	7.47	7.54

NOCT: Irradiance at 800 W/m², Ambient Temperature 20°C, Wind Speed 1 m/s.

Temperature Ratings

Nominal Operating Cell Temperature (NOCT)	44°C (±2°C)
Temperature Coefficient of P _{max}	-0.41%/°C
Temperature Coefficient of V _{oc}	-0.32%/°C
Temperature Coefficient of I _{sc}	0.05%/°C

Maximum Ratings

Operating Temperature	-40~+85°C
Max-System Voltage	1500V DC (IEC)
Max Series Fuse	15A

Warranty

Product Workmanship Warranty	10years
Linear Power Warranty	30years

Packaging Configuration

Quantity / Pallet	33pcs
Modules per 40' container	858pcs