

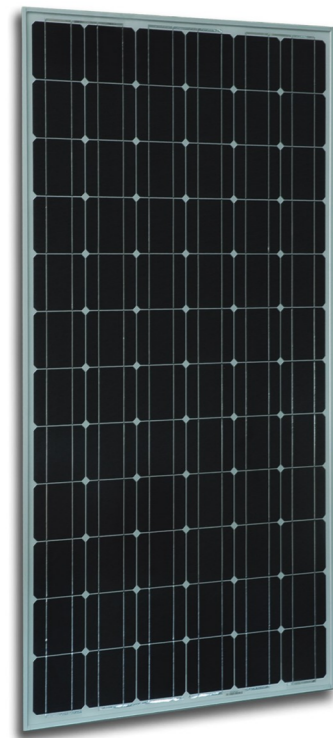
JT295 SAc

Mono-crystalline 156 x 156 Module



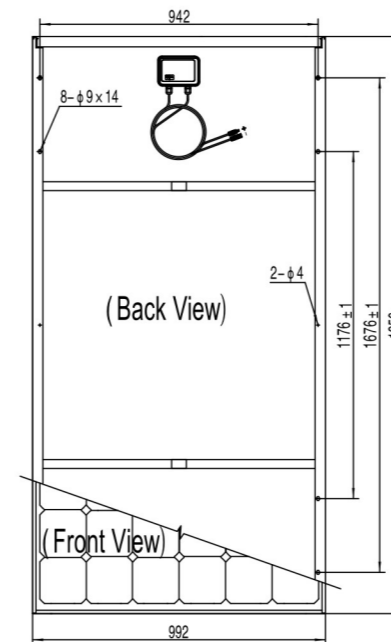
JETION SOLAR

visionary green energy



Key Features

- Guaranteed positive tolerance 0/+5w ensures power output reliability
- Strong aluminum frames module can bear snow loads up to 5400Pa and wind loads up to 2400Pa.
- Excellent performance under low light environments(mornings evenings and cloudy days).
- 12 years for product defects in materials and workmanship and 25 years for 80% of warranted minimum power.
- Certifications and standards: IEC61215, IEC61730, conformity to CE.
- Manufactured according to International Quality and Environment Management System (ISO9001,ISO14001).



Packaging Configuration

Packing Configuration	22 pcs/box
Quantity/Pallet	44 pcs/pallet
Loading Capacity	528 pcs/40ft(H)

Absolute Ratings

Dielectric Insulation Voltage	3000V
Operating Temperature (°C)	-40~+85
Storage Temperature (°C)	-40~+85

NOCT

		JT285SAc	JT290SAc
Max-Power	Pm (W)	209	212
Max-Power Voltage	Vm(V)	31.2	31.3
Max-Power Current	Im(A)	6.7	6.8
Open-Circuit Voltage	Voc(V)	37.1	37.4
Short-Circuit Current	Isc(A)	7.4	7.4

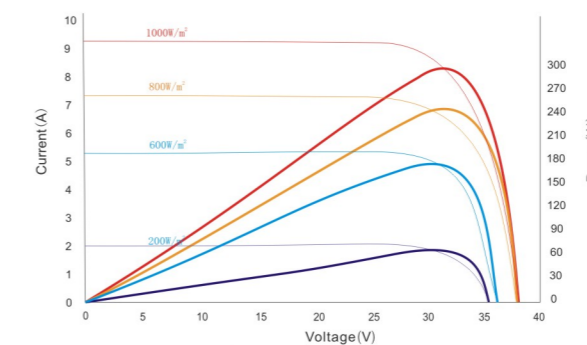
All specified Parameters are at STC 25°C Ambient, 1000W/m² irradiance and AM 1.5

Electrical Characteristics

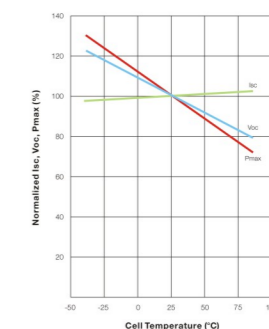
Type		JT280SAc	JT285SAc	JT290SAc	JT295SAc	JT300SAc
Module Power Range	(W)	285 > Pm ≥ 280	290 > Pm ≥ 285	295 > Pm ≥ 290	300 > Pm ≥ 295	Pm ≥ 300
Max-Power	Pm (W)	280	285	290	295	300
Max-Power Voltage	Vm(V)	33.8	34.1	34.4	34.7	35
Max-Power Current	Im(A)	8.29	8.36	8.44	8.51	8.58
Open-Circuit Voltage	Voc(V)	40.1	40.4	40.7	41.0	41.3
Short-Circuit Current	Isc(A)	9.1	9.15	9.2	9.25	9.3
Module Efficiency	(%)	14.4	14.7	14.9	15.2	15.5
Max-System Voltage	(VDC)	600V(UL)/1000V(IEC)				
Max.Series Fuse	(A)	15				
Pm Temperature Coefficients	(%/°C)	-0.4677				
Isc Temperature Coefficients	(%/°C)	0.0492				
Voc Temperature Coefficients	(%/°C)	-0.3374				
NOCT Nominal Operating Cell Temperature		45 ± 2°C				
Maximum load rating)		5400Pa(112.78lbf/ft ²)				

Class AAA solar simulator(IEC 60904-4) , power measurement uncertainty is within ± 3%

I-V Curves at different Irradiances



Temperature Coefficients



Mechanical Characteristics

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 × 12)
Cell Size	(mm) 156 × 156 (D200)
Dimension	(mm) 1956 × 992 × 45
Weight	(Kg) 26
No. of Draining Holes in Frame	10
Glass, Type and Thickness	High Transmission, Low Iron, Tempered Glass 4.0mm

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

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