

Visionary green energy

Poly JT240PLe Series

Multi-crystalline Solar Module

**There are no limits to what we can do.
Our possibilities are endless.**

You can buy solar technology anywhere today. But you don't receive the experience that is behind it. As a global company, Jetion has worked on new innovations and ideas since it was founded in 2004, contributing significantly to a clean and environmentally-friendly energy.

From highly efficient solar cells to complete solar energy installations, we offer sustainable solutions for increased performance and, at the same time, a healthier environment.

Jetion modules are particularly employed where long-term profitability, reliability and environmental issues are of great importance.



1 MW, Wirbenz, Germany

Additional information can be found at:
www.jetionsolar.eu



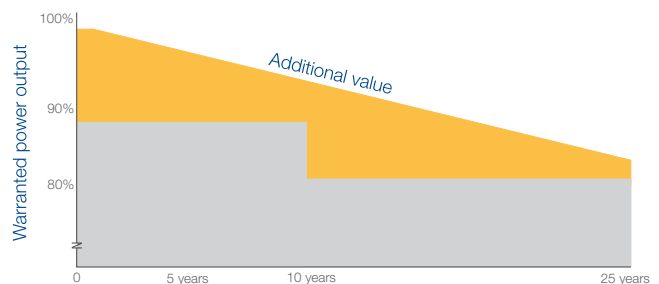
JETION
SOLAR

We guarantee the highest income, for a long life.

Product Warranty

- 12 years for materials and workmanship.

Peak Power Warranty - 25 year linear warranty



Plus-Sorting

- With this plus-sorting we ensure that our customers pay for the watts they receive and guarantee the highest efficiency.

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).
- Certifications and standards: IEC61215, IEC61730, conformity to CE.
- Manufactured according to International Quality and Environment Management System (ISO9001 ISO14001).



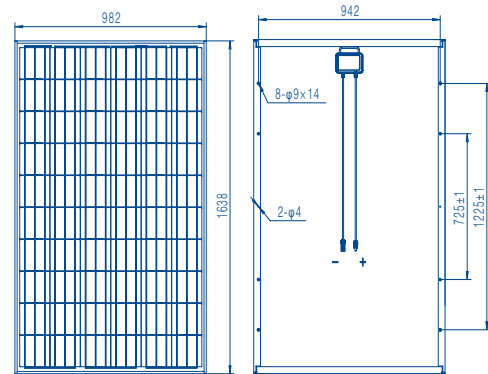
Electrical Features

All parameters are given in relation to 25 °C ambient temperature, 1000 W/m² irradiance and AM 1.5

Typ		JT225PLe	JT230PLe	JT235PLe	JT240PLe	JT245PLe
Max-Power	P _m (W)	225	230	235	240	245
Modul Power Range	(W)	230 > P _m ≥ 225	235 > P _m ≥ 230	240 > P _m ≥ 235	245 > P _m ≥ 240	P _m ≥ 245
Power Tolerance	(W)	+0 ~ +5	+0 ~ +5	+0 ~ +5	+0 ~ +5	+0 ~ +5
Max-Power Voltage	V _m (V)	30	30.2	30.5	30.8	31.1
Max-Power Current	I _m (A)	7.5	7.62	7.71	7.8	7.89
Short-Circuit Current	I _{sc} (A)	8.2	8.31	8.4	8.55	8.65
Open-Circuit Voltage	V _{oc} (V)	36.6	36.9	37	37.2	37.4
Max-System Voltage	(VDC)	600 V(UL)/1.000 V(IEC)				
Module Efficiency	(%)	14	14,3	14.6	14.9	15,2
Max. Series Fuse	(A)	15				
P _m Temperature Coefficients	(%/°C)	-0.4336				
I _{sc} Temperature Coefficients	(%/°C)	0.0825				
V _{oc} Temperature Coefficients	(%/°C)	-0.4049				
NOCT Nominal Operating Cell Temperature		45 ±2 °C				
Maximum load rating: 5.400 Pa (112,78 lbf/ft ²)						

Mechanical Characteristics

Cable type, Diameter and Length	4 mm ² , TUV certified, 1.000 mm
Type of Connector	Compatible Type IV
Number, type and arrangement of cells	60 pcs, multi-crystalline silicone (6x10)
Cell size (mm)	156x156
Dimension (mm)	1638x982x40
Weight (kg)	19
No. of Draining Holes in Frame	10
Glass, Type and Thickness	High Transmission, Low Iron Tempered Glass 3.2 mm



Packaging Configuration

Packing Configuration: 24 pcs in box

Quantity/Pallet: 48 pcs on pallet

Loading Capacity: 624 pcs in container (40 ft)

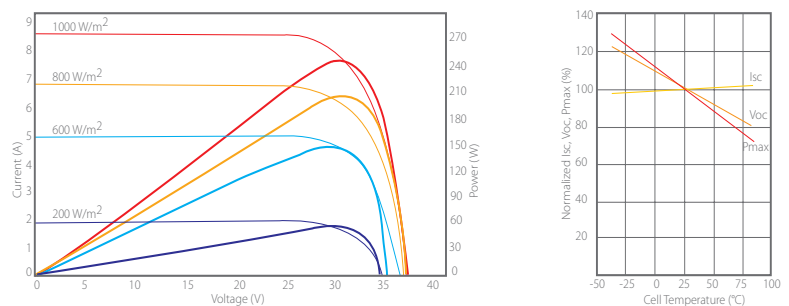
Absolute Ratings

Dielectric Insulation Voltage: 3000 V

Operating Temperature (°C): -40 ~ +85

Storage Temperature (°C): -40 ~ +85

I-V Curves at different Irradiances (AM 1.5 25 °C)



Certificates

IEC 61215.2 / IEC 61730

IEC 62716 / IEC 61701

UL 1703.3rd



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

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