Mono JT260SBa/b Series

Monocrystalline 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 esperience 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 environmently-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

We guarantee the highest income, for a long life.

Product Warranty

- 12 years for materials and workmanship.

Peak Power Warranty

- 5 years + 1 month from the date of purchase against a power drop exceeding 7 % of min. power rating measured under STC.
- 10 years + 1 month from the date of purchase against a power drop exceeding 10 % of min. power rating measured under STC.
- 25 years + 1 month from the date of purchase against a power drop exceeding 20 % of min. power rating measured under STC.

Plus-Sorting

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

Key Features

- 96 monocrystalline solar cells.
- Strong aluminum frames in order to improve the bearing capacity and withstand strong wind.
- Special mounting holes on the frames for long and short side mounting.
- High transparency low iron tempered glass with enhanced stiffness and impact resistance.
- Advanced EVA encapsulation system with multilayer backsheets.

Applications:

- Ground Installation
- Residential and Industrial Rooftops
- Carports

JETION SOLAR

REGENERATIVE • SOLUTION
FULL CYCLE PV

Version 09/2011

Electrical Features

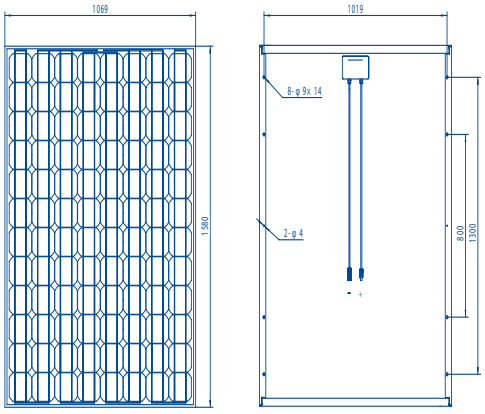
All parameters are given in relation to 25 °C ambient temperature, 1000 W/m2 irradiance and AM 1.5

Type		JT240SBa JT240SBb	JT245SBa JT245SBb	JT250SBa JT250SBb	JT255SBa JT255SBb	JT260SBa JT260SBb
Max-Power	Pm(W)	240	245	250	255	260
Modul Power Range	(W)	245 > Pm ≥ 240	250 > Pm ≥ 245	255 > Pm ≥ 250	260 > Pm ≥ 255	Pm ≥ 260
Power Tolerance	(W)	+0 ~ +5	+0 ~ +5	+0 ~ +5	+0 ~ +5	+0 ~ +5
Max-Power Voltage	Vm(W)	50	50.5	51	51.5	52
Max-Power Current	Im(A)	4.8	4.85	4.9	4.96	5.01
Short-Circuit Current	Isc(A)	5.3	5.35	5.4	5.45	5.5
Open-Circuit Voltage	Voc(V)	60.4	61.1	61.7	62.3	62.9
Max-System Voltage	(VDC)	600 V(UL)/1.000 V(IEC)				
Cell Efficiency	(%)	16.8/16.1	17.2/16.5	17.5/16.8	17.9/17.2	18.2/17.5
Module Efficiency	(%)	14.2	14.5	14.8	15.1	15.4
Max. Series Fuse	(A)	10				
Pm Temperature Coefficients	(%/°C)	-0.4601				
Isc Temperature Coefficients	(%/°C)	0.0981				
Voc Temperature Coefficients	(%/°C)	-0.5186				
NOCT Nominal Operating Cell Temperature		45 ±2 °C				

Maximum load rating: 5.400 Pa (112,78 lbf/ft²)

Mechanical Characteristics

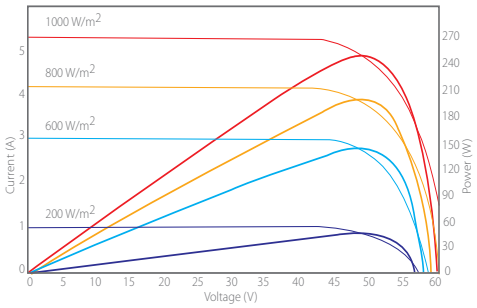
Cable type, Diameter and Length		4 mm², TUV certified, 1.000 mm
Type of Connector		Compatible Type IV
Number, type and arrangement of cells		96 pcs, monocrystalline silicone (8x12)
Cell size (mm)	JT260SBa	125x125
	JT260SBb	125x125
Dimension	(mm)	1580x1069x45
Weight	(kg)	25.8
No. of Draining Holes in Frame		10
Bypass-Diods		4
Glass, Type and Thickness		High Transmission, Low Iron Tempered Glass 3.2 mm

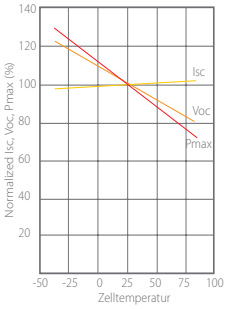


Packaging Configuration

Packing Configuration: 22 pcs/box or 2 pcs/box
Quantity/Pallet: 44 pcs on pallet
Loading Capacity: 616 pcs in container (40 ft)

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





Absolute Ratings

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

Certificates

IEC 61215.2 / IEC 61730 /
UL 1703.3rd

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

UK Dealer: Inergy UK Ltd
Tel: Office: +44 (0)1249 654142 or UK Mobile: 07951 248255
Web: www.inergyuk.com
Email: sales@inergyuk.com

JETION SOLAR
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