up to 550 kg/m² maximum loading

JT-220P

Solar module polycrystalline

Our Photovoltaic module is designed for applications with high power requirements. The production covers the entire valve chain of the module from ingot to finished module.
Extensive testing and final inspections at each step will secure the highest profit.

Product features

- Plug-in system for connection
- Integrated Bypass-Diodes against shading/Hot-Spot effect
- Longevity and stability with high-quality Aluminum frame and solar glass

Great performance

- ±3% Nominal power tolerance
- Cell efficiency ca. 17%
- Modul efficiency ca.14%

Independent Quality Inspection

- Regular testing by Fraunhofer Institute for quality assurance
- TÜV Reinland, CE standards
- Extensive testing and final inspections at each step.

Warranty

- 10 years power warranty 90%
- 25 years power warranty 80%
- 10 years extended product warranty

Electrical characteristics	
Modultype	polycrystalline
Nominal Power (Pnom)	220 W
Maximum Power (Pmpp)	220 Wp
Output tolerance	± 3%
Voltage at max. power (Vpm)	29.2 V
Current at max. power (Ipm)	7.53 A
Open circuit voltage (Voc)	37.0 V
Short circuit current (Isc)	7.92 A

Temperature coefficients	
Temp. Coefficient of Pmax (Tk-Pmpp)	– 0.46 %/°C
Temp. Coefficient of Voc (Tk-Voc)	– 0.33 %/°C
Temp. Coefficient of Isc (Tk-Isc)	+ 0.06 %/°C

Limit values	
Maximum System Voltage (U max.)	1000 V
Module temperature (min./max.)	-40 °C bis 85°C
Maximum loading	5.400 N/m² o. 550 kg/m²

Standard test conditions: 1000 W/m²; 25°C; AM1,5.

JT Solar AG - Datenblatt JTS-220P Aug 1st,2012

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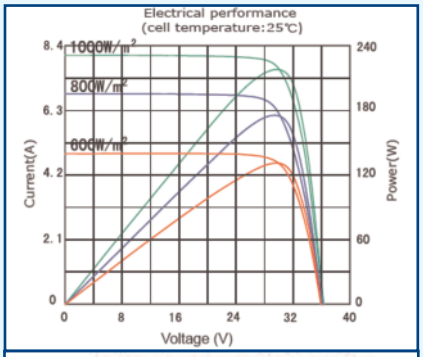
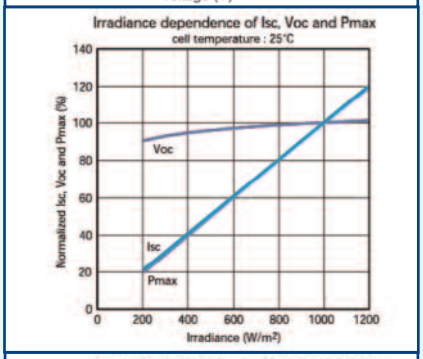
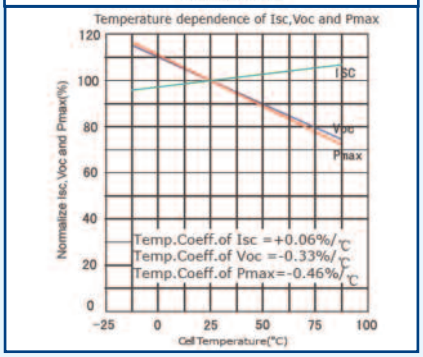
Member of PV CYCLE EPIA

Example based of 230W Power







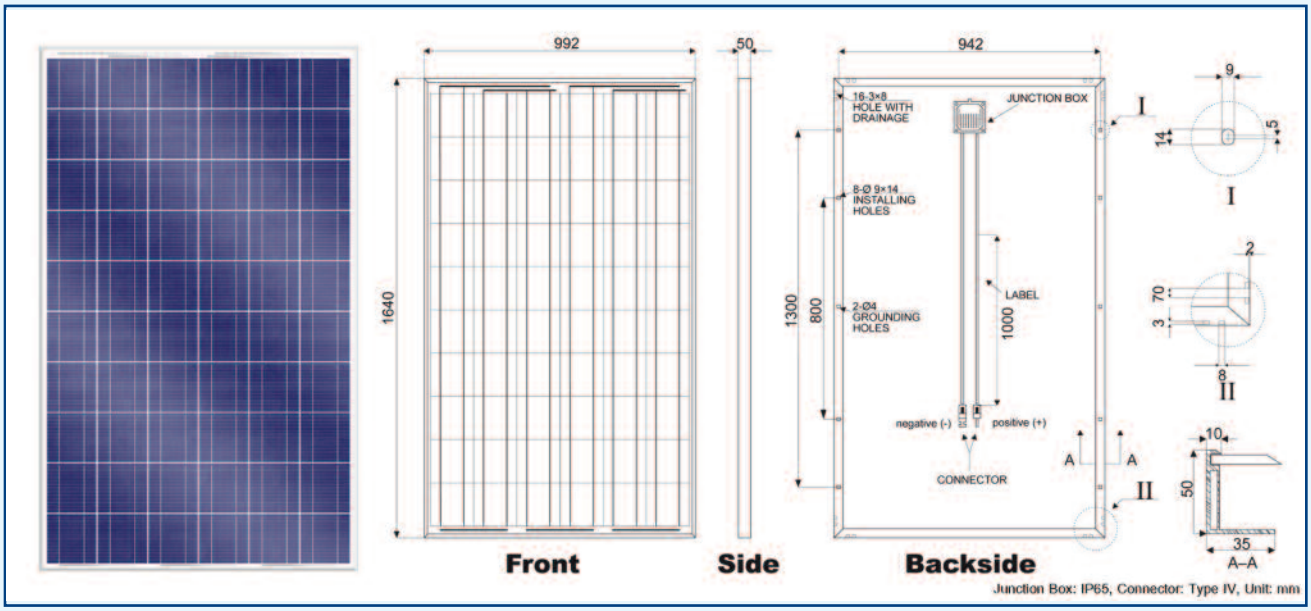
Dimensions and weight

Length	1640 mm
Width	992 mm
Height	50 mm
Weight	19.5 kg
No. of cell	60 (10 x 6)
Cabel	4mm, double insulated, UV resi-. stant, cabel length 1000 mm
Packing units	range 40, carton 20 modules

Certification

TÜV, safety class II, CE, ISO 9001:2000, IEC 61215, IEC 61730, UL1703

Salespartner:



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