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Solar Panel Guide Specification Data Sheet

**Jyotitech Solar Llp
JTS 260PP-60
JTS-255**

Also available on the web at
EnergyPal.com/jyotitech-solar-llp-solar-panels/jts-255

JTS260PP-60

245-260 Watt

Poly Crystalline Module

100% EL Inspection ensures Modules are defect free

Positive Power Tolerance- 0/+5W

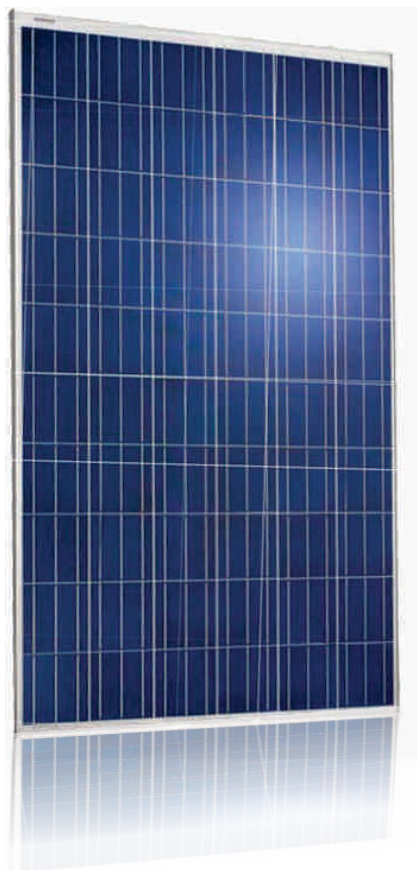


TM

Jyotitech

Solar

Engising Future™



Multicrystalline Modules Designed for Commercial and Solar Farm (grid-tied & off-grid), Industrial / Residential Rooftop Applications



Polycrystalline 60-cell Module achieves Power Output of up to 260Wp with 16.0% Conversion Efficiency



High Transmittance and Low Iron Tempered Glass with Anti-reflective Coating



Outstanding Performance in Low -light Irradiance environment



Excellent Mechanical Load Resistance which can withstand High Wind Loads (2400Pa) and Snow Loads (5400Pa)



High Salt Mist Corrosion Resistance



PID Resistant Modules with Long-term Reliability

We believe in a sustainable future, and we believe in creating it ourselves. Being a multi-product organisation and one of India's leading engineering companies, Jyotitech Group has dedicated itself to leaving behind a green legacy. Working for greater good, our eco-conscious values have driven us into delivering world-class solar energy products. Manufactured using state-of-the-art technology from Ecoprogetti, Italy, each Jyotitech Solar product is created with the single minded objective of reducing carbon footprints and global warming.

Headquartered in Navi Mumbai, India, the group has diverse ventures in manufacturing of enclosures, racks, LT / MV / HT electrical panels and bus bars besides solar products. We are committed to delighting our customers with best quality products and help them maximise their cost efficiency with clean energy. So come, join us and play a part in energising the future.



- 10 Years Limited product Warranty#
- 25 years Limited Power Output Warranty#
 - Minimum 90% at the end of 10 years
 - Minimum 80% at the end of 25 years



Certificates

Factory:

ISO 9001:2008
ISO 14001:2004
BS OHSAS 18001:2007

Products:

IEC 61215, IEC 61730
IEC 61701, IEC 62804
CE

Electrical Characteristics*

Model	JTS-245	JTS-250	JTS-255	JTS-260
	STC	STC	STC	STC
Nominal Maximum Power, P_m (W)*	245Wp	250Wp	255Wp	260Wp
Power Tolerance				
Open Circuit Voltage, V_{oc} (V)*	36.9	37.2	37.3	37.6
Short Circuit Current, I_{sc} (A)*	8.46	8.55	8.6	8.68
Voltage at Maximum Power, V_{mp} (V)*	30.47	30.7	31.2	31.7
Current at Maximum Power, I_{mp} (A)*	8.05	8.15	8.18	8.21
Maximum System Voltage (V)	1000VDC (IEC)			
Module Efficiency (%)*	15.06	15.38	15.70	16
Maximum Series Fuse Rating (A)	15			
Limiting Reverse Current (A)	15			

*Standard Test Conditions (STC): 1000 W/m² irradiance, AM 1.5 spectrum and 25 Deg. C cell temperature.

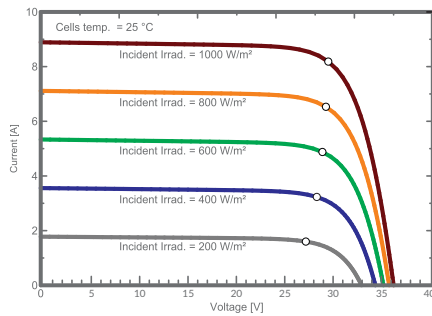
Mechanical Characteristics*

Length X Width X Thickness (L x W x T) - mm	: 1640 x 990 x 35
Weight (kg)	: 17
Solar Cells Per Module / Arrangement	: 60/(10*6)
Solar Cell Type	: Multicrystalline Silicon / 156 x 156
Front Cover (Material / Thickness)	: Tempered & Low Iron Glass / 3.2 mm
Encapsulate	: Ethylene Vinyl Acetate
Frame Material	: Anodized Aluminum Alloy
Junction Box	: IP67
No. of Bypass Diodes	: 3 / 6
Connector	: MC4 Compatible
Cable	: 1000 mm / 4 mm ²
Mechanical Load (Wind/Snow)	: 2400Pa / 5400Pa
Fire Safety Class	: C
Safety Application Class	: A
Safety Class	: II

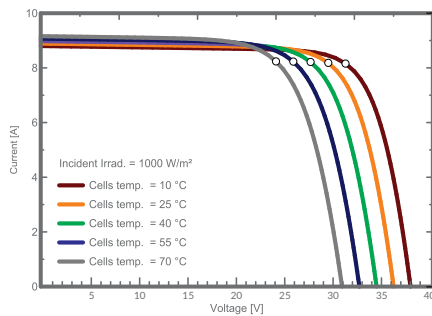
Thermal Characteristics*

Temp. Coefficient of Current (I_{sc} , α (%/°C))	: +0.05
Temp. Coefficient of Voltage (V_{oc} , β (%/°C))	: -0.35
Temp. Coefficient of Power (P_m , γ (%/°C))	: -0.45
NOCT (°C)	: 46 ± 2
Operating Temperature Range (°C)	: -40 to 85

I-V Curve Variation with Irradiance

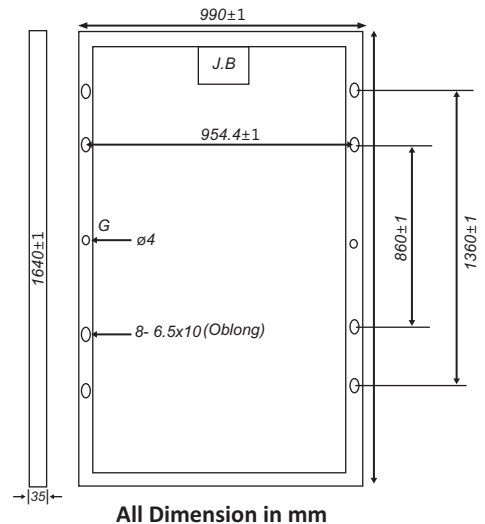


I-V Curve Variation with Temperature



*The specifications may change and Jyotitech Solar reserves the right to change them without prior notice.
The rated electrical characteristics tolerance +/- 3%.
Conditions Apply.

Module Dimension



Caution: Follow Installation and User Manual instructions carefully

Our Partners