Schutten solar

Import Sun Pv™



STP6-XXX/60

STP6-205/60 *STP6-210/60* *STP6-215/60*
STP6-220/60 *STP6-225/60* *STP6-230/60*
STP6-235/60 *STP6-240/60* *STP6-245/60*
STP6-250/60

Polycrystalline Photovoltaic Module

TÜV NORD CE IEC

Features

- High module efficiency
- Stable power output due to leading process technologies
- Outstanding electrical performance in high temperatures and low irradiance conditions
- Easy to install based on innovative engineering design Resilient to all weather applications

Applications

- On-grid utility systems
- On-grid commercial systems
- Off-grid residential systems

Quality and Warranty

- Positive power tolerance up to 5w
- Broad power range from 5w to 320w
- High power output in harsh environment
- Low power degradation in practical application for at least 25 years
- Easy installation thanks to excellent physical design and light weight
- Variety of options available including poly, mono, BIPV, black and customized products

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STP6-XXX/60

SPECIFICATIONS

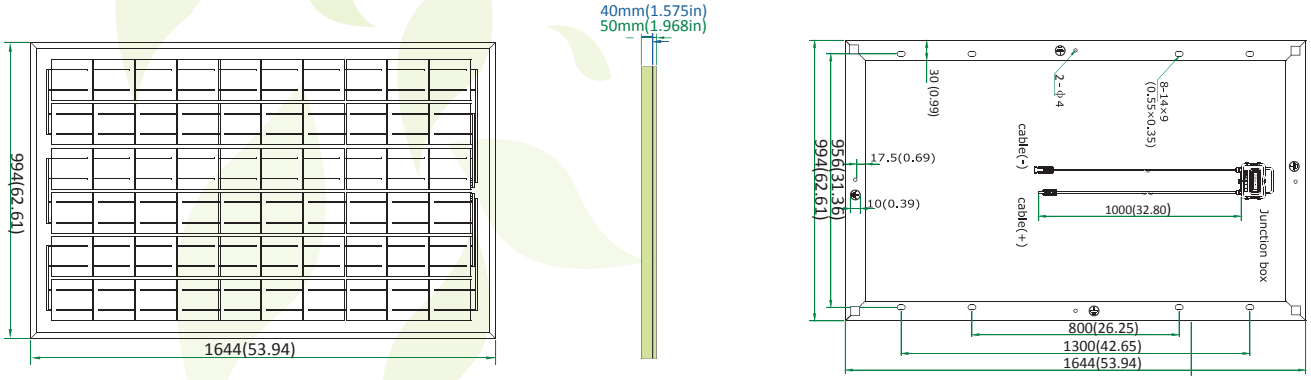
Note: the specifications are obtained under the Standard Test Conditions (STCs): 1000 W/m^2 solar irradiance, 1.5 Air Mass, and cell temperature of 25 C.

Model type	STP6-250/60	STP6-245/60	STP6-240/60	STP-235/60	STP-230/60	STP-225/60
Cell Efficiency	17.12%	16.78%	16.44%	16.09%	15.75%	15.41%
Module Efficiency	15.37%	15.06%	14.75%	14.44%	14.14%	13.83%
Peak power (Pmax)	250W	245W	240W	235W	230W	225W
Maximum power voltage (Vmp)	30.2V	30.2V	30.2V	30.1V	30.0V	29.9V
Maximum power current (Imp)	8.30A	8.16A	7.95A	7.81A	7.67A	7.53A
Open circuit voltage (Voc)	37.75V	37.35V	37.0V	36.8V	36.8V	36.7V
Short circuit current (Isc)	8.98A	8.78A	8.55A	8.44A	8.34A	8.18A
Power Tolerance	±3%	±3%	0 to +5W	0 to +5W	0 to +5W	0 to +5W

Maximum system voltage	DC 1000V
Temp. Coeff. of Isc (TK Isc)	0.065 %/℃
Temp. Coeff. of Voc (TK Voc)	- 0.346 %/℃
Temp. Coeff. of Pmax (TK Pmax)	- 0.488 %/℃
Normal Operating Cell Temperature	45.3 ±2℃

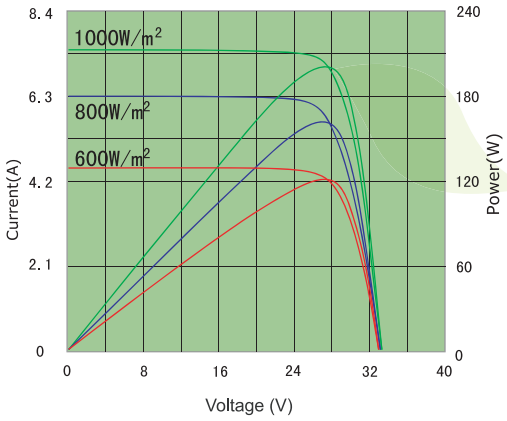
Cell type	PolyCrystalline Silicon, 156mm x 156mm		
Number of cells	60 cells in series		
Weight	19.3 kgs(42.61 lbs)	OR	21.0 kgs(42.61 lbs)
Dimensions	1642 x 994 x 40 mm	OR	1642 x 994 x 50 mm

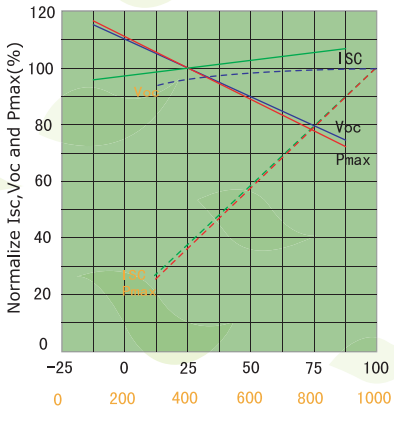
PHYSICAL CHARACTERISTICS Unit:mm (inch)



ELECTRICAL CHARACTERISTICS

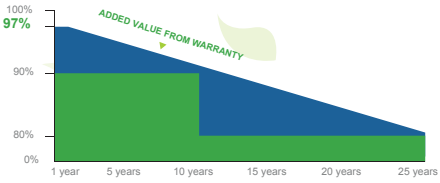
Electrical performance
(cell temperature:25℃)





Temperature dependence of Isc, Voc and Pmax

Irradiance dependence of Isc, Voc and Pmax (cell temperature:25℃)



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