









## Strengths

-  Tolerance 0~+5
-  High transmission, low iron Tempered Glass
-  Plug & Play Connectors
-  Bypass Diodes Protection
-  Salt Mist And Ammonia Resistance Test

## Warranty

-  Manufacturing 12 Years
-  Power Production 90%:12years 80%:25years

## Insurance

-  Insured By CHUBB

## Certificates



Three-Busbar Cell

**Polycrystalline  
photovoltaic  
Module**



# STP6-XXX/60 Series

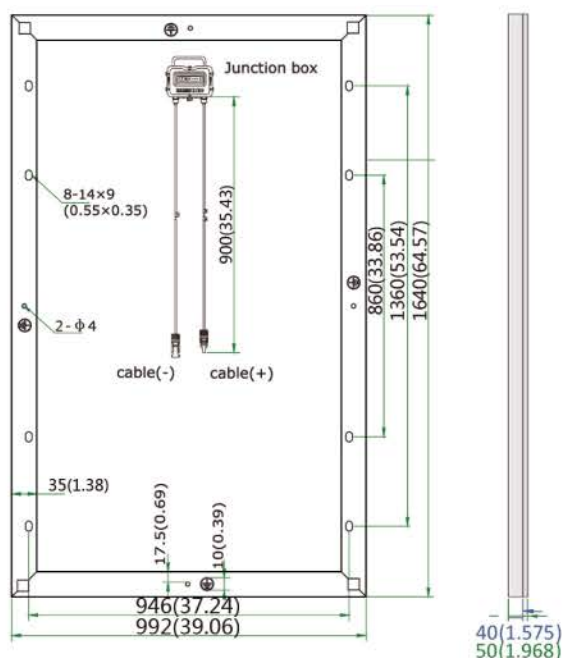
STP6-260W, STP6-255W, STP6-250W, STP6-245W, STP6-240W

**Schutten**<sup>solar</sup>  
blue sky . green life

## Electrical Characteristics

Module Type	Unit	STP6-260/60	STP6-255/60	STP6-250/60	STP6-245/60	STP6-240/60
Rated Power at STC (Pmp)	W	260	255	250	245	240
Power Tolerance	W	(0, +5)	(0, +5)	(0, +5)	(0, +5)	(0, +5)
Power Maximum at STC	W	265	260	255	250	245
Cell Efficiency ( $\eta_c$ )	%	18.3-18.6	18.0-18.3	17.7-18.0	17.3-17.6	17.0-17.3
Minimum Module Efficiency ( $\eta_m$ )	%	16.5-16.9	16.1-16.4	15.4-15.7	15.0-15.4	14.7-15.0
Open Circuit Voltage (Voc)	V	37.3	37.2	37.1	37.0	36.9
Short Circuit Current (Isc)	A	9.30	9.11	8.92	8.78	8.65
Maximum Power Voltage (Vmp)	V	30.1	30.0	29.9	29.9	29.8
Maximum Power Current (Imp)	A	8.58	8.46	8.35	8.21	8.05
Maximum System Voltage	V	1000 (TUV), 600 (UL)				
Maximum Series Fuse Rating	A	15				

STC: Irradiance 1000W/m<sup>2</sup>, module temperature 25°C, AM=1.5;



- All Dimensions in mm (inch)
- The above drawing is a graphical representation of the product. For engineering quality drawings please contact **SCHUTTEN**

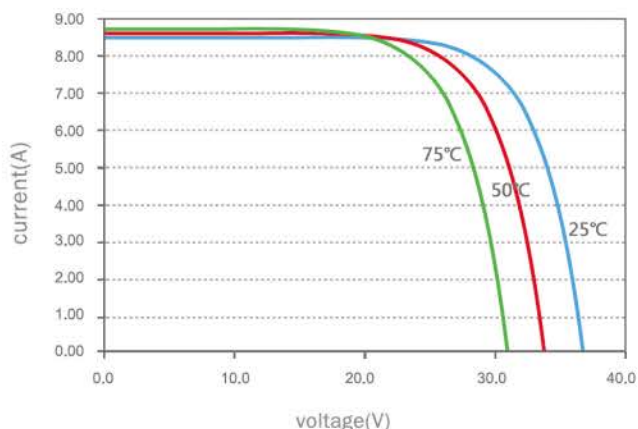
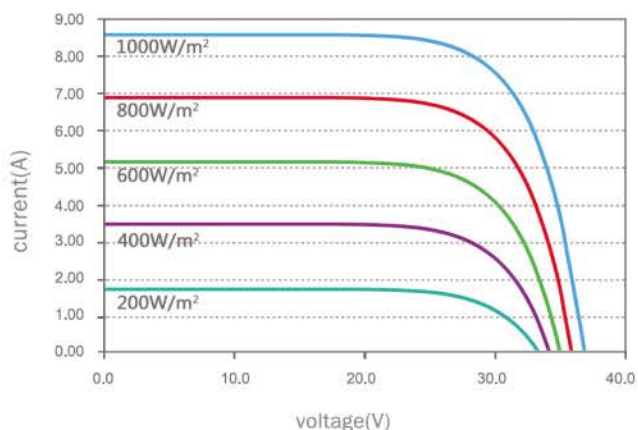
## Temperature Characteristics

Pmax Temperature Coefficient	%/°C	-0.47
Voc Temperature Coefficient	%/°C	-0.32
Isc Temperature Coefficient	%/°C	+0.04
Operating Temperature	°C	-40 ~ +85
Nominal Operating Cell Temperature (NOCT)	°C	45±2

## Mechanical Specifications

External Dimensions	1640 × 992 × 35 mm
Weight	19.0kg
Solar Cells	Polycrystalline 156 × 156mm (60pcs)
Front glass	3.2 mm tempered glass, low iron
Frame	Anodized/ Electrophoretic aluminum alloy
Junction Box	IP65 /IP67
Output Cables	4.0 mm <sup>2</sup> , symmetrical lengths 900mm
Connector	MC4 Compatible
Maximum Snow Load	550kg/m <sup>2</sup>
Maximum Wind Load	200km/h
Hailstone Impact Test	80km/h for 25mm ice ball

## Current-Voltage & Power-Voltage Curve (STM6-250/60)



## Dealer information:



**Schutten Solar**  
<http://www.schutten-solar.com>

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