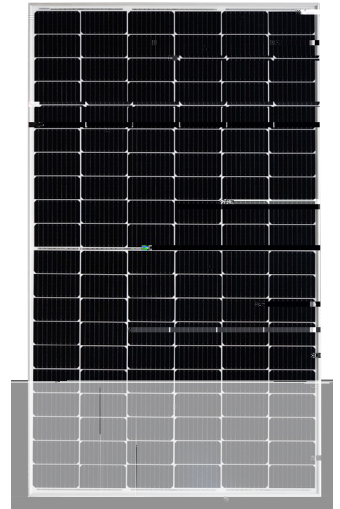


Ultra S mini

HALF-CELL MONOFACIAL MODULE

TYPE: STPXXXS - B60/Wnh



POWER OUTPUT MAX EFFICIENCY
365-385W **21.1%**

Features

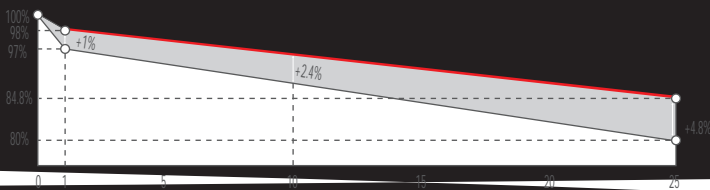


High module conversion efficiency
 Module efficiency up to **21.1%** achieved through advanced cell technology and manufacturing process



Lower operating temperature
 Lower operating temperature and better heat dissipation increases the power output

Suntech current sorting process
 Up to **2%** power loss caused by current mismatch



First year power degradation: 2%
 Annual degradation: 0.55%

Product warranty: 12 years
 linear warranty: 25 years



Munich RE



STPXXXS - B60/Wnh 365-385W

Mechanical Characteristics

Solar Cell	Monocrystalline silicon 166 mm
No. of Cells	120 (6 × 20)
Dimensions	1756 × 1039 × 35 mm (69.1 × 40.9 × 1.4 inches)
Weight	20.3 kgs (44.8 lbs.)
Front Glass	3.2 mm (0.126 inches) fully tempered glass
Output Cables	4.0 mm ² , (-) 350 mm (+) 160 mm in length or customized length
Junction Box	IP68 rated (3 bypass diodes)
Operating Module Temperature	-40 °C to +85 °C
Maximum System Voltage	1000 / 1500 V DC (IEC)
Maximum Series Fuse Rating	20 A
Power Tolerance	0/+5 W

Electrical Characteristics

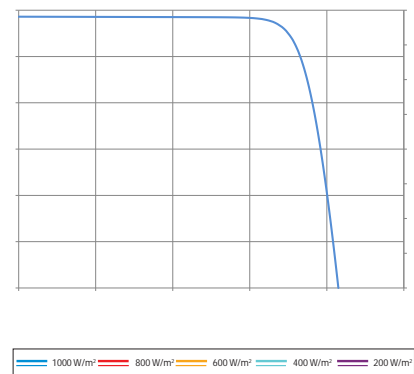
Module Type	STP385S-B60/Wnh		STP380S-B60/Wnh		STP375S-B60/Wnh		STP370S-B60/Wnh		STP365S-B60/Wnh	
	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT
Testing Condition	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT
Maximum Power (Pmax/W)	385	290.9	380	286.3	375	281.9	370	278.2	365	274.3
Optimum Operating Voltage (Vmp/V)	34.9	32.4	34.7	32.2	34.5	32.2	34.3	32.0	34.1	31.8
Optimum Operating Current (Imp/A)	11.04	8.99	10.96	8.92	10.87	8.76	10.79	8.69	10.71	8.62
Open Circuit Voltage (Voc/V)	41.5	39.0	41.3	38.9	41.1	38.9	40.9	38.7	40.7	38.5
Short Circuit Current (Isc/A)	11.72	9.46	11.64	9.39	11.57	9.24	11.49	9.17	11.42	9.10
Module Efficiency (%)	21.1		20.8		20.6		20.3		20.0	

STC: Irradiance 1000 W/m², module temperature 25 °C, AM=1.5; NMOT: Irradiance 800 W/m², ambient temperature 20 °C, AM=1.5, wind speed 1 m/s; Tolerance of Pmax is within +/- 3%;

Temperature Characteristics

Nominal Module Operating Temperature (NMOT)	42 ± 2 °C
Temperature Coefficient of Pmax	-0.36%/°C
Temperature Coefficient of Voc	-0.304%/°C
Temperature Coefficient of Isc	0.050%/°C

Current-Voltage & Power-Voltage Curve (385S)



Packing Configuration

Container	20' GP	40' HC
Pieces per pallet	31	31
Pallets per container	6	26
Pieces per container	186	806
Packaging box dimensions	1786×1130×1203 mm	
Packaging box weight	679 kg	

Information on how to install and operate this product is available in the installation instruction. All values indicated in this data sheet are subject to change without prior announcement. The specifications may vary slightly. All specifications are in accordance with standard EN 50380. Color differences of the modules relative to the figures as well as discolorations of/in the modules which do not impair their proper functioning are possible and do not constitute a deviation from the specification.