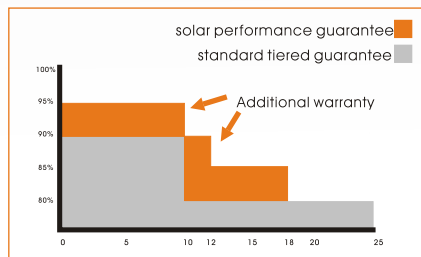


Our Service Guarantee
Replacement for free
48 hours in Germany
5 working days in other european countries

SH6M60B/245-270

Monocrystalline PV modules 60 cells

- High module conversion efficiency up to 16.60%
- 0 to +3% positive tolerance for mainstream products
- Performance Warranty
10 yrs-95% 12yrs-90%
18 yrs-85% 25yrs-80%
- Entire module certified to withstand high wind loads and snow loads (5400Pa)
- Professional packing solution special for distributors
- European brand junction box plus MC4 connector
- 100% Electro Luminescence test



SH6M60B/245-270

Monocrystalline PV modules 60 cells



ELECTRICAL PARAMETERS

Model	SH245	SH250	SH255	SH260	SH265	SH270
Maximum power(Pmax)	245W	250W	255W	260W	265W	270W
Open circuit voltage(Voc)	37.62V	37.65V	38.10V	38.57V	38.78V	39.15V
Maximum power point voltage(Vmp)	29.68V	30.03V	31.16V	31.36V	31.53V	31.83V
Short circuit current(Isc)	8.51A	8.59A	8.64A	8.65A	8.67A	8.78A
Maximum power point current(Imp)	8.27A	8.33A	8.24A	8.32A	8.41A	8.50A
Module Efficiency	14.97%	15.27%	15.58%	15.98%	16.45%	16.60%
Max system Voltage(VDC)	1000V (IEC) /600V (UL)					
Module insulation Resistance(Ω)	≥ 100MΩ					
Fuse Ratings In Series(A)	10A					
Power Discrepancy	0~3%					
Operating Temperature	-40℃ ~+85℃					
Temperature Coefficient of Pmax	-0.42%/℃					
Temperature Coefficient of Voc	-138.2mV/℃					
Temperature Coefficient of Isc	+3.10mA/℃					
NOCT	25±2℃					
Test Condition	*STC:1000W/m²,25℃,AM1.5					

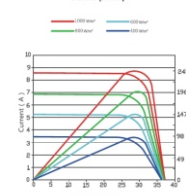
MECHANICAL CHARACTERISTICS

Cell Type	monocrystalline 156x156mm(6 inches)
Cell arrangement	60 (6×10) in series connection
Measurement(L×W×H)	1640*992*40mm
Weight(Kg)	19.5kgs (43 lbs)
Front glass	3.2mm tempered glass
Frame	anodized aluminum alloy
Mechanical load	5400pa
Classification	safty class II ;Application class A ;IP65

PACKING SOLUTION

Container	40' HC
Pieces per pallet	26
Pallets per container	28
Pieces per container:	728
Container	20' GP
pieces per pallet	23
Pallets per container	12
Pieces per container	276

Current-Voltage & Power-Voltage Curves (2499)



Temperature Dependence of Isc, Voc, Pmax

