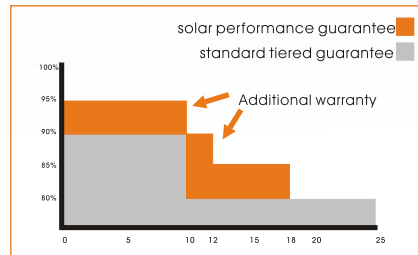


Our Service Guarantee
Replacement for free
48 hours in Germany
5 working days in other european countries

SH5M96/250-275

Monocrystalline PV modules 96 cells

- High module conversion efficiency up to 16.42%
- 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



SH5M96/250-275

Monocrystalline PV modules 96 cells



ELECTRICAL PARAMETERS

Model	SH250	SH255	SH260	SH265	SH270	SH275
Maximum power(Pmax)	250W	255W	260W	265W	270W	275W
Open circuit voltage(Voc)	59.90V	60.08V	61.10V	61.70V	61.98V	61.98V
Maximum power point voltage(Vmp)	49.50V	50.00V	50.13V	51.00V	51.30V	51.30V
Short circuit current(Isc)	5.47A	5.38A	5.44A	5.51A	5.58A	5.61A
Maximum power point current(Imp)	5.12A	5.14A	5.28A	5.206A	5.31A	5.42A
Module Efficiency	14.67%	14.96%	15.26%	15.55%	15.95%	16.42%
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	-141.40MV/℃					
Temperature Coefficient of Isc	+3.40MA/℃					
NOCT	25±2℃					
Test Condition	*STC:1000W/m ² ,25℃,AM1.5					

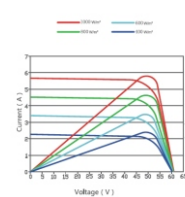
MECHANICAL CHARACTERISTICS

Cell Type	monocrystalline 125x125mm(5 inches)
Cell arrangement	96 (8×12) in series connection
Measurement(L×W×H)	1575*1082*45mm
Weight(Kg)	21.5kgs (47 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	23
Pallets per container	28
Pieces per container:	644
Container	20' GP
pieces per pallet	20
Pallets per container	12
Pieces per container	240

Current-Voltage & Power-Voltage Curves (250W)



Temperature Dependence of Isc, Voc, Pmax

