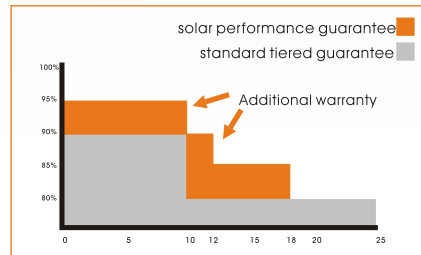


Our Service Guarantee
Replacement for free
48 hours in Germany
5 working days in other european countries

SH5M54/130-160

Monocrystalline PV modules 54 cells

- High module conversion efficiency up to 16.71%
- 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



SH5M54/130-160

Monocrystalline PV modules 54 cells



ELECTRICAL PARAMETERS

Model	SH130	SH135	SH140	SH145	SH150	SH155	SH160
Maximum power(Pmax)	130W	135W	140W	145W	150W	155W	160W
Open circuit voltage(Voc)	32.2V	32.94V	33.44V	33.73V	34.15V	34.41V	34.70V
Maximum power point voltage(Vmp)	26.18V	26.48V	26.57V	26.66V	26.69V	26.89V	27.12V
Short circuit current(Isc)	5.12A	5.51A	5.62A	5.68A	5.71A	5.93A	6.08A
Maximum power point current(Imp)	4.97A	5.10A	5.27A	5.44A	5.63A	5.81A	5.90A
Module Efficiency	13.58%	12.38%	14.44%	14.95%	15.47%	16.19%	16.71%
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	-0.48%/℃						
Temperature Coefficient of Voc	-0.34%/℃						
Temperature Coefficient of Isc	+0.05%/℃						
NOCT	25±2℃						
Test Condition	*STC:1000W/m²,25℃,AM1.5						

MECHANICAL CHARACTERISTICS

Cell Type	monocrystalline 125x125mm(5 inches)
Cell arrangement	54 (6×9) in series connection
Measurement(L×W×H)	1200*808*40mm
Weight(Kg)	14kgs (31 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	36
Pieces per container:	936
Container	20' GP
pieces per pallet	23
Pallets per container	18
Pieces per container	414

