

SF125X125-72-M
SF125X125-72-M(L)



150W-205W MONO CRYSTALLINE PV- MODULES

FEATURES:

- ±3% power output tolerance
- High efficiency mono-crystalline silicon PV-cell
- High transmission low-iron tempered glass
- Firm oxide aluminum frame with special designed mounting holes and draining holes

WARRANTY:

- Product warranty 5 years
- Performance warranty 90% > 10 years
80% > 25 years

Product- and Performance Warranty is insured by an international insurance consortium (please see policy)

Liability insurance is insured by Sun Alliance Insurance (China) Limited

The plants have been assessed to comply with the requirements of the international standard ISO9001 and the international environmental standard ISO14001. The standardized and high level management assures first class products for the clients.

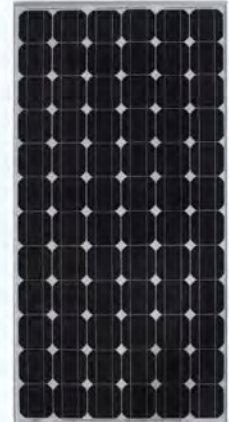
Certified by:



IEC 61730/IEC 61215

APPLICATION:

- Residential stand-alone/on-grid systems
- Public stand-alone/on-grid systems
- PV plants



Valid as of: 24.12.2010 / Document Nr.: SF 125X125-72 20101224

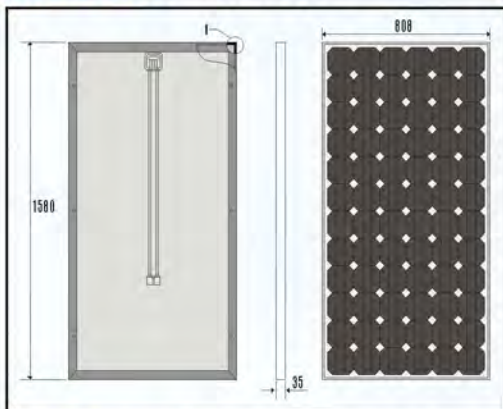
SF125X125-72-M SF125X125-72-M(L)



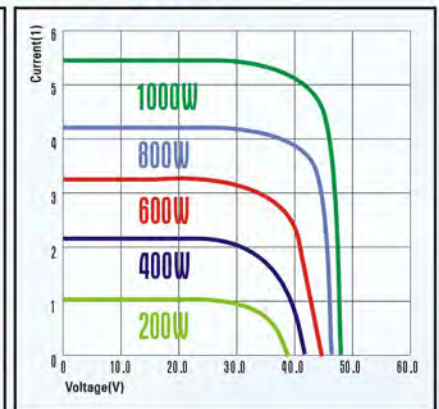
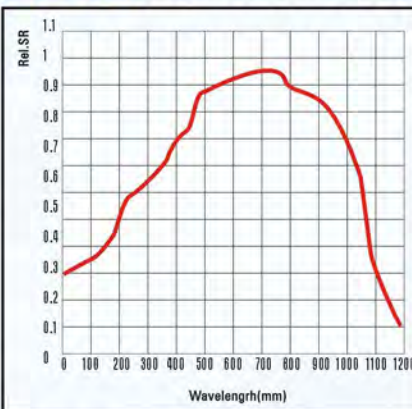
GENERAL DATA

Cell	Mono-crystalline silicon PV cells, 125X125-M5" & 125X125-M(L)5"
No. of cells and connections	72 in series
Dimension	1580mm × 808mm × 35mm
Net Weight	16.00kg
IP	65

MEASUREMENTS



SPECTRAL RESPONSE IV CURVE



ELECTRICAL CHARACTERISTICS

ITEM	150	155	160	165	170	175	180	185	190	195	200	205
MAX Power Current (Im)	4.35	4.45	4.60	4.70	4.80	4.90	5.00	5.15	5.16	5.24	5.28	5.35
MAX Power Voltage (Vm)	34.6	34.9	35.1	35.2	35.5	35.7	35.9	36.0	36.8	37.2	37.9	38.3
Short Circuit Current (Isc)	4.80	4.90	5.00	5.05	5.15	5.20	5.30	5.50	5.53	5.58	5.70	5.81
Open Circuit Voltage (Voc)	43.6	43.8	44.0	44.2	44.4	44.6	44.8	45.0	45.2	45.4	45.6	45.8
Module Efficiency	14%-16%											
MAX Series Fuse	10A											
No. of Diode	3											
Number of cells	72											
Application	DC 24V system											
MAX system voltage	1000VDC											
Temperature coefficients of Pm	-0.37%/ °C											
Temperature coefficients of Voc	-0.34%/ °C											
Temperature coefficients of Isc	0.06%/ °C											
NOCT	45 °C ± 2 °C											
Temperature cycle range	- 40 °C to + 85 °C (200 cycles)											
Output tolerance	± 3%											
Mechanical load testing	5400 pa											
Standard Test conditions	STC: AM1.5, 1000W/m ² , Module Temperature 25 °C											

***Remarks:** Zhejiang Sunflower Light Energy Science & Technology LLC reserves the right to modify these specifications without notice. The technical data may change in consideration either of quality of the raw material and/or of the process parameters.

Valid as of: 24.12.2010 / Document Nr.: SF-125X125-72-20101224