

STS-6M- (190-230) P-54 POLY CRYSTALLINE SOLAR MODULES 多晶硅太阳能电池



PRODUCT OVERVIEW 产品简介

- STS Solar's modules are optimally manufactured and adjusted to meet the needs of the current market; scientifically designed module dimension makes the installation simple and easy.
- 产品符合市场需求，尺寸设计科学合理、安装简便
- Our continuous efforts in quality assurance system and certifications the international authentication institutions of STS Solar's products demonstrate our commitment to product quality and customer requirements.
- 产品性能稳定、质量可靠，已获得国内外权威机构检测认证

MODULE CHARACTERISTICS 产品特点

- High efficiency crystalline silicon solar cells.
- 高效晶硅太阳能电池片
- High transmission low iron tempered glass, strong mechanical resistance.
- 高透光低铁钢化玻璃
- Standard waterproof junction box, with bypass diode.
- 标准防水接线盒（带二极管）。
- High endurance to different atrocious weather.
- 高耐候性
- Custom designed modules according to clients' requirement.
- 根据客户需求量身定制

MECHANICAL PARAMETERS 物理性能

Cell(mm)	Poly 156×156
电池片(mm)	多晶 156×156
Weight(kg)	17
重量(kg)	17
Dimensions(LxWxH)(mm)	1488×990×40
尺寸(LxWxH)(mm)	1488×990×40
Cable Length(mm)	≥900
线缆长度(mm)	≥900
Cable cross section size(mm ²)	4
线缆截面大小	4
No. of cells and connections	54 (9×6)
电池片数量	54 (9×6)
No. of diodes	3
二极管数量	3
Packing configuration	25pcs/carton
包装	25pcs/carton

WORKING CONDITIONS 工作条件

Maximum System Voltage	DC 1000V
峰值电压	DC 1000V
Operating Temp.	-40°C~+85°C
工作温度	-40°C~+85°C
Maximum Series Fuse (A)	12
最大保险系数(A)	12
Static loading	≥2400Pa
抗压	≥2400Pa
Grounding conductivity	≤0.1Ω
地表导电率	≤0.1Ω
NOCT	45±2°C
电池额定工作温度	45±2°C
Application Class	Class A
应用等级	A 级
Insulation Resistance	≥100MΩ
绝缘电阻	≥100MΩ

GUARANTEE 质量保证

10-year limited product warranty.

十年产品质保

Limited performance warranty: 10 years at 90% of the minimal rated power output, 25 years at 80% of the minimal rated power out

功率保证：输出功率 10 年内不低于额定功率的 90%，25 年内不低于额定功率的 80%

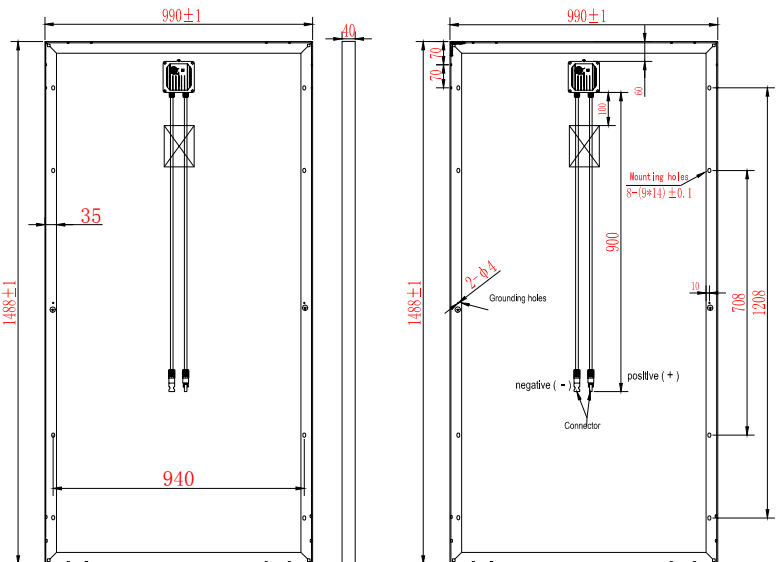
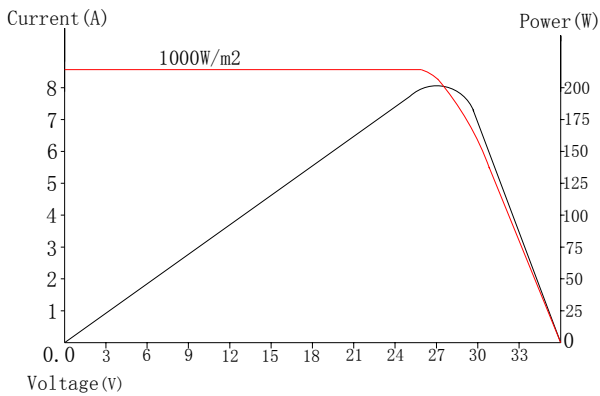
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ELECTRICAL PARAMETERS 电性能参数

TYPE 型号	STS-6M-190 P-54	STS-6M-195 P-54	STS-6M-200 P-54	STS-6M-205 P-54	STS-6M-210 P-54	STS-6M-215 P-54	STS-6M-220 P-54	STS-6M-225 P-54	STS-6M-230 P-54
Pmax(w) 功率	190	195	200	205	210	215	220	225	230
(Voc/V)开路电压	33	33	33.7	33.7	34.3	34.3	34.9	34.9	34.9
(Vmp/V)峰值电压	26	26	26.5	26.5	27.0	27.0	27.5	27.5	27.35
(Isc/A)短路电流	7.81	7.95	8.08	8.28	8.32	8.52	8.64	8.83	8.95
(Imp/A)峰值电流	7.31	7.5	7.55	7.74	7.78	7.96	8.0	8.18	8.44
Power Tolerance 公差	±3%								
α Isc α 温度系数	+0.04%/°C								
β Voc β 温度系数	-0.30%/°C								
γ Pmp γ 温度系数	-0.44%/°C								
STC 标准测试条件	AM1.5, 1000W/m ² , 25°C								

I-V CURVE 曲线图



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