

多晶100W组件

100Watt POLYCRYSTALLINE SOLAR MODULE



SPECIFICATIONS 规格

Cell 电池	Polycrystalline silicon solar cells 多晶硅太阳能电池	125mm*125mm
No. of cells and connections 电池数量及排列方式		36 (4*9)
Dimension of module 组件尺寸		1200*540*30 (mm)
Weight 重量		8kg

CHARACTERISTICS 特性

Model 组件型号	SWP536-100W	SWP536-105W
Open circuit voltage (Voc) 开路电压	22.10	22.56
Optimum operating voltage (Vmp) 工作电压	18.66	18.86
Shorton circuit current (Isc) 短路电流	5.64	5.70
Weight Optimum operating current (Imp) 工作电流	5.36	5.57
Maximum power at STC (pm) 最大功率	100W	105W

STC:辐照度1000W/m2,组件温度25°C,AM=1.5;

使用AAA等级的IEC60904-9 太阳能模拟器使功率测量公差控制在 +/- 3%

TEMPERATURE AND COEFFICIENTS 温度系数

NOCT 额定工作温度		48°C±2°C
Current temper coefficient 电流温度系数	%/k	0.055±0.01
Voltage temperature coefficient 电压温度系数	Mv/k	-(150±10)
Power temperature coefficient 功率温度系数	%/k	-(0.47±0.05)

NOCT:Nominal Operation Cell Temperature

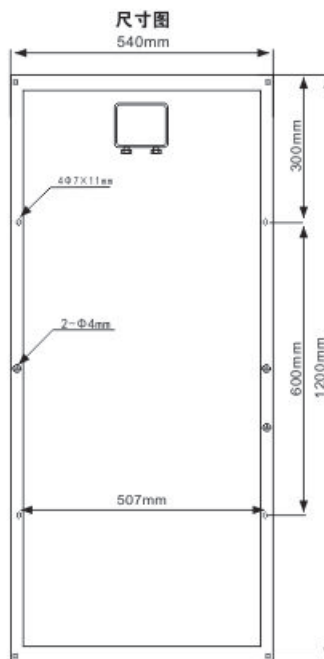
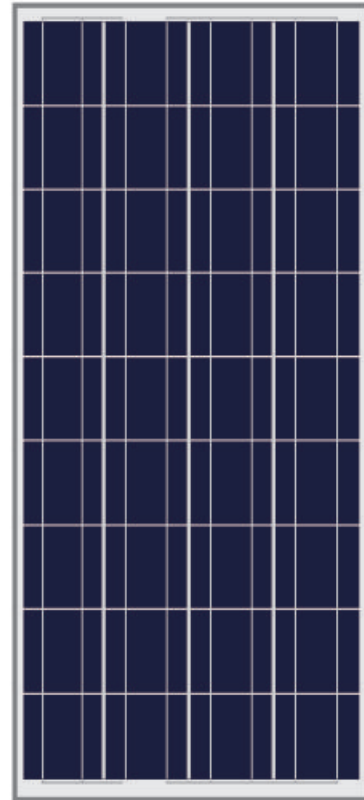
OUTPUT 输出

Type of output terminal 输出路端类型	Junction box 接线盒
Cable 电缆	○
Asymmetrical lengths 电线长度	○
Connection Standard plug and Stocket 接线	○

LIMITS 限度

Operating temperature coefficient 温度范围	- 40 to +85°C
Maximum system voltage 最大系统电压	500v DC

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IV测试曲线

