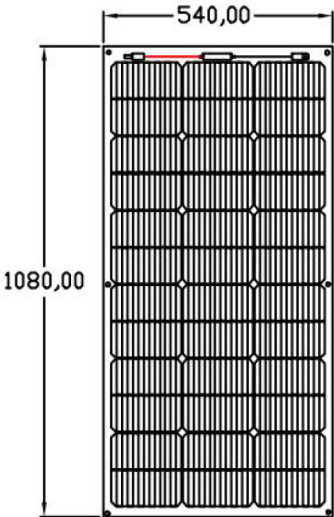


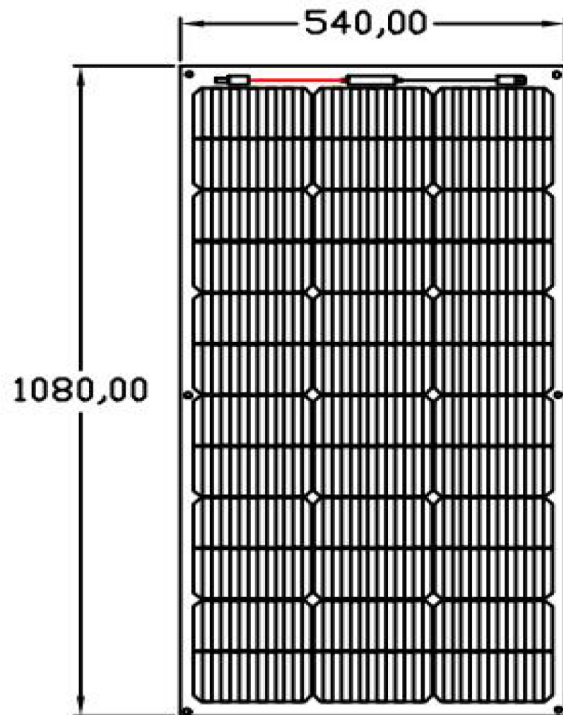
Technical Specification (产品规格书)

100W ETFE Flexibility Solar Panel

General Specification 主要参数:

Product Name 品名	100W ETFE Flexibility Solar Panel (100W ETFE 柔性太阳能板)	Product Model NO:	QB-100W
		产品型号:	
 <p style="text-align: center; color: red; font-weight: bold;">18V100W</p>		Cell Type 太阳能电池片类型	单晶硅电池片 (MONO SOLAR CELLS)
		Peak Power 峰值功率	100W
		Vmp 最大工作电压	19.5V
		Imp 最大工作电流	5.6A
		Voc 开路电压	23.2V
		Isc 短路电流	6.2
		Tolerance 公差	±5%
		Conversion efficiency of cells 电池片转化效率	23%
		Can be Bent degree 可弯曲程度	45°C
		Unfolded Size 尺寸	1080*540*3mm
Total transmittance	95%	Net Weight 净重	2.4KG
Working temperature 工作温度	-20°C ~ 85°C	Maximum power temperature Coefficient 最大功率温度系数	-0.45%/°C
Open circuit voltage temperature coefficient 开路电压温度系数	-0.35%/°C	Temperature coefficient of short circuit current 短路电流温度系数	+0.05%/°C
Test standard conditions 测试标准条件	Am1.5 25°C 1000W/m²		
Moisture permeability 水分渗透	40°C/90%RH g/M².Day 10.2		
Water absorption rate 吸水率	2.5%(24H)		
Remarks 备注	Testing environment (STC)测试环境: Spectral energy 光谱能量: 1KW/m², Air pressure 气压 AM=1.5, The light conditions are 38000W Lux (Lighting unit) Electronic load test. 光照条件为 38000W Lux 电子负载测试		

Picture and Size



18V100W



Notice or Attention 注意事项:

1. Please do not scratch the surface of solar panel with sharp objects;

请不要用尖锐物品刮擦太阳能板表面。

2. When charged by solar, please place the solar panel upward in strong sunlight directly to

为确保最佳充电效果, 请在使用本产品充电时避免在雨天天气下使用, 同时确保太阳能板干燥, 尽量

Appearance Requirements 外观要求:

The product surface shall be free of dirt and glue print left .

产品表面无尘及粘胶残留。

Packaging Standard 包装标准:

Not special demand or as customer demand

无特殊要求将使用出厂标准包装。

Use and Storage Environment 使用和保存环境:

1. Storage conditions: temperature arrange(10 ~ 25 °C), humidity(lower than 60%)

存放条件: 温度在 10°C-25°C, 湿度低于 60%。

2. Outdoor environment with sunlight

户外晴朗干燥天气环境下使用。

3. Working environment: - 18 °C ~ 85 °C

工作环境温度: -18°C ~ 85°C

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