

Electrical Characteristics

电气特性

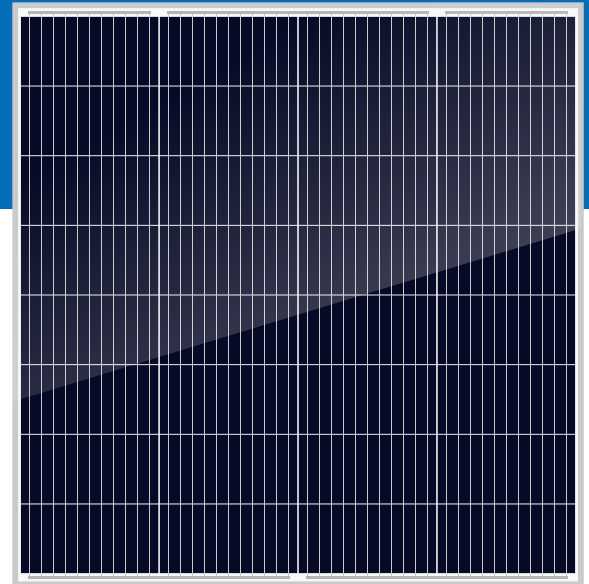
| 组件型号 | Module Type | SKT 160G12 |
|----------|---------------------------------|-------------------|
| | | STC |
| 额定功率 | Maximum Power- Pmax(W) | 160 |
| 开路电压 | Open Circuit Voltage - Voc(V) | 22.54 |
| 短路电流 | Short- Circuit Current - Isc(A) | 9.15 |
| 工作电压 | Voltage at Pmax -Vmp(V) | 18.37 |
| 工作电流 | Current at Pmax - Imp(A) | 8.71 |
| 组件效率 | Module Efficiency - η m(%) | 20.21 |
| 功率公差 | Power Tolerance(W) | 0, +4.99W |
| 最高系统电压 | Maximum System Voltage(V) | 700Vdc (IEC / UL) |
| 最大额定熔断电流 | Maximum Series Fuse Rating (A) | 10A |

标准测试条件STC: 光照强度Irradiance 1000W/m², 组件温度Cell Temperature 25°C, 大气质量AM 1.5

Mechanical Specifications

结构特性

| | | |
|------|---------------------|---|
| 组件尺寸 | External Dimensions | 905*875*30mm |
| 重量 | Weight | 8.25kg |
| 电池 | Solar Cells | Mono crystalline 210X105mm (4X8pcs) |
| 玻璃 | Front Glass | 3.2 mm tempered glass |
| 边框 | Frame | Aluminum |
| 接线盒 | Junction Box | IP67 |
| 输出导线 | Output Cables | 50cm, length can be customized |
| 连接器 | Connector | MC4 Compatible |
| 机械载荷 | Mechanical Load | Front Side Max. 5400Pa, Rear Side Max. 2400Pa |



Temperature Characteristics

温度特性

| | | |
|-----------|--|-----------|
| 最高功率温度系数 | Pmax Temperature Coefficient | -0.350%/C |
| 开路电压温度系数 | Voc Temperature Coefficient | -0.270%/C |
| 短路电流温度系数 | Isc Temperature Coefficient | +0.048%/C |
| 光伏组件工作温度 | Operating Temperature | -40~+85 C |
| 额定工作电池片温度 | Nominal Operating Cell Temperature(NOCT) | 45±2 C |

Packing Configuration

包装方式

| | | |
|------|-------------------|----------------|
| 组件型号 | Module Type | SKT160G12 |
| 组件尺寸 | Module Dimensions | 905*875*30mm |
| 托盘尺寸 | Pallet Dimensions | 955*1100*995mm |
| 每托重量 | Pallet Weight | 330kg |
| 每托数量 | Pieces/Pallet | 36pcs |

