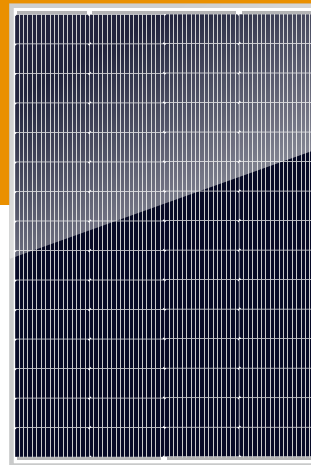


# 180~190 Watt

## SKT 180~190M12

180~190瓦单晶光伏组件  
182mm 60Cells PV Module



### Electrical Characteristics

### 电气特性

| 组件型号     | Module Type                     | SKT 180~190M12    |       |
|----------|---------------------------------|-------------------|-------|
|          |                                 | STC               | STC   |
| 额定功率     | Maximum Power- Pmax(W)          | 180               | 190   |
| 开路电压     | Open Circuit Voltage - Voc(V)   | 41.82             | 42.12 |
| 短路电流     | Short- Circuit Current - Isc(A) | 5.47              | 5.63  |
| 工作电压     | Voltage at Pmax -Vmp(V)         | 35.46             | 36.60 |
| 工作电流     | Current at Pmax - Imp(A)        | 5.08              | 5.19  |
| 组件效率     | Module Efficiency - $\eta$ m(%) | 20.92             | 22.08 |
| 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/m<sup>2</sup>, 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 | 1125*765*30mm                                 |
| 重量   | Weight              | 8.85kg                                        |
| 电池   | Solar Cells         | Mono crystalline 182x70mm (4x15pcs)           |
| 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       | 90cm, 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             | -0.290%/°C |
| 开路电压温度系数  | Voc Temperature Coefficient              | -0.250%/°C |
| 短路电流温度系数  | Isc Temperature Coefficient              | +0.045%/°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       | SKT180~190M12   |
| 组件尺寸 | Module Dimensions | 1125*765*30mm   |
| 托盘尺寸 | Pallet Dimensions | 1155x1120x110mm |
| 每托重量 | Pallet Weight     | 370kg           |
| 每托数量 | Pieces/Pallet     | 36pcs           |

