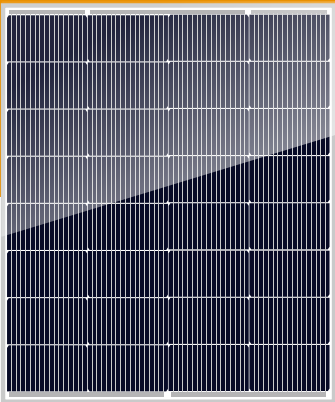


# 140~150 Watt

## SKT 140~150M12

140~150瓦单晶光伏组件  
182mm 32Cells PV Module



### Electrical Characteristics 电气特性

| 组件型号     | Module Type                     | SKT 140~150M12    |       |
|----------|---------------------------------|-------------------|-------|
|          |                                 | STC               | STC   |
| 额定功率     | Maximum Power- Pmax(W)          | 140               | 150   |
| 开路电压     | Open Circuit Voltage - Voc(V)   | 21.89             | 22.30 |
| 短路电流     | Short- Circuit Current - Isc(A) | 7.85              | 8.16  |
| 工作电压     | Voltage at Pmax -Vmp(V)         | 18.40             | 19.20 |
| 工作电流     | Current at Pmax - Imp(A)        | 7.61              | 7.81  |
| 组件效率     | Module Efficiency - $\eta$ m(%) | 20.22             | 21.67 |
| 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)  | 15A               |       |

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*765*25mm                                  |
| 重量   | Weight              | 7.52kg                                        |
| 电池   | Solar Cells         | Mono crystalline 182x105mm (4x8pcs)           |
| 玻璃   | Front Glass         | 2.0 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       | SKT140~150M12  |
| 组件尺寸 | Module Dimensions | 905*765*25mm   |
| 托盘尺寸 | Pallet Dimensions | 935x1115x110mm |
| 每托重量 | Pallet Weight     | 355kg          |
| 每托数量 | Pieces/Pallet     | 43pcs          |

