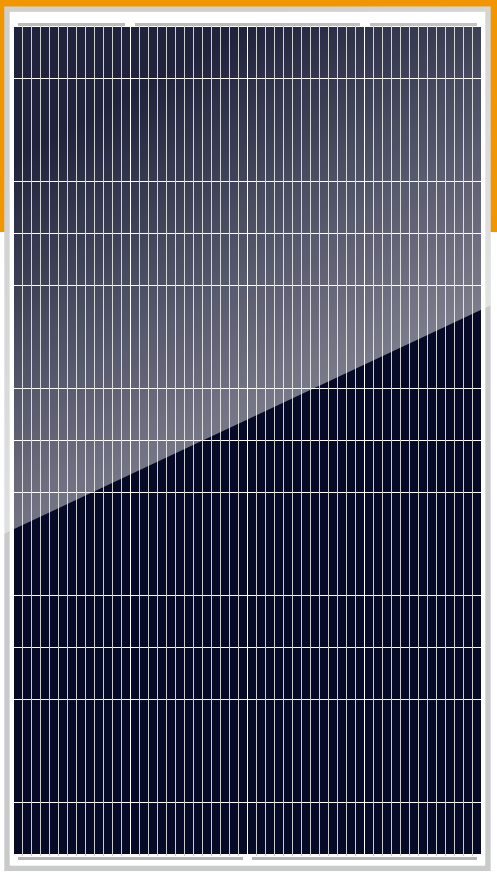
SUNKET - Solar

# 310~330 Watt

## SKT 310~330G12

310~330瓦单晶光伏组件

210mm 64Cells PV Module



## Electrical Characteristics 电气特性

| 组件型号 | Module Type | SKT 310~330G12 | | |
|---|---|---|---|---|
| | | STC | | |
| 额定功率 | Maximum Power- Pmax(W) | 310 | 320 | 330 |
| 开路电压 | Open Circuit Voltage - Voc(V) | 42.69 | 43.33 | 44.93 |
| 短路电流 | Short- Circuit Current - Isc(A) | 8.96 | 9.10 | 8.98 |
| 工作电压 | Voltage at Pmax -Vmp(V) | 36.61 | 36.93 | 38.46 |
| 工作电流 | Current at Pmax - Imp(A) | 8.47 | 8.67 | 8.58 |
| 组件效率 | Module Efficiency -ηm(%) | 20.13 | 20.78 | 21.43 |
| 功率公差 | Power Tolerance(W) | 0, +4.99W | | |
| 最高系统电压 | Maximum System Voltage(V) | 1000Vdc (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℃，大气质量AM 1.5

## Mechanical Specifications 结构特性

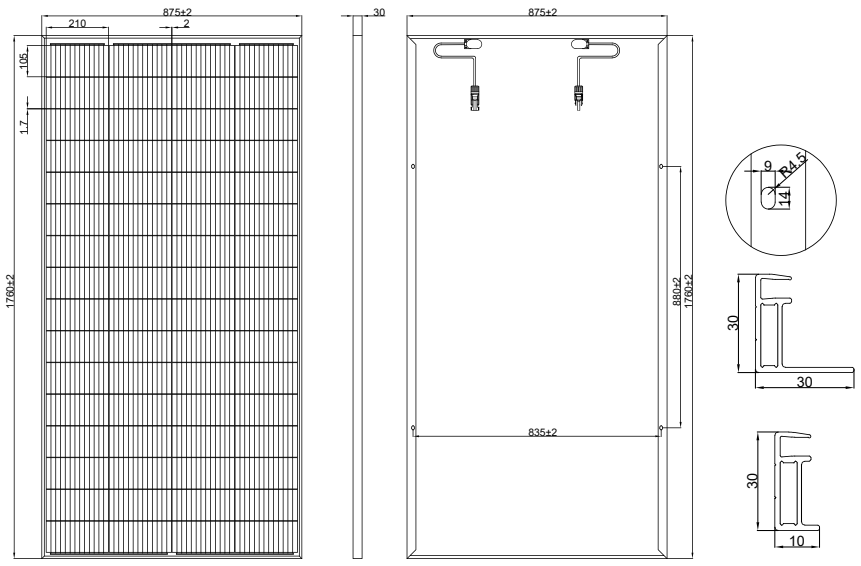
| 组件尺寸 | External Dimensions | 1760*875*30mm |
|---|---|---|
| 重量 | Weight | 13.5kg |
| 电池 | Solar Cells | Mono crystalline 210X105mm (4X16pcs) |
| 玻璃 | Front Glass | 3.2 mm tempered glass |
| 边框 | Frame | Aluminum |
| 接线盒 | Junction Box | IP67 |
| 输出导线 | Output Cables | 90cm, length can be customized |
| 连接器 | Connector | MC4 Compatible |
| 机械载荷 | Mechanical Load | Front Side Max. 5400Pa, Rear Side Max. 2400Pa |

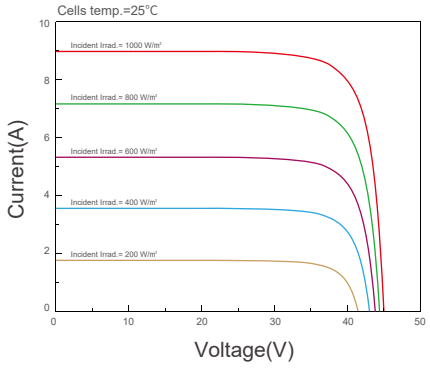
## Temperature Characteristics 温度特性

| 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 | SKT310~330G12 |
|---|---|---|
| 组件尺寸 | Module Dimensions | 1760*875*30mm |
| 托盘尺寸 | Pallet Dimensions | 1790*1120*110mm |
| 每托重量 | Pallet Weight | 516.0kg |
| 每托数量 | Pieces/Pallet | 36pcs |





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