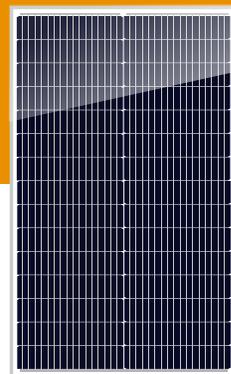


# 50 Watt

## SKT 50M10

182mm 30Cells PV Module



### Electrical Characteristics

|                                 |                   |
|---------------------------------|-------------------|
| Module Type                     | SKT 50M10         |
|                                 | STC               |
| Maximum Power- Pmax(W)          | 50                |
| Open Circuit Voltage - Voc(V)   | 21.24             |
| Short- Circuit Current - Isc(A) | 2.85              |
| Voltage at Pmax -Vmp(V)         | 18.48             |
| Current at Pmax - Imp(A)        | 2.71              |
| Module Efficiency -ηm(%)        | 20.10             |
| Power Tolerance(W)              | 0, +4.99W         |
| Maximum System Voltage(V)       | 700Vdc (IEC / UL) |
| Maximum Series Fuse Rating (A)  | 10A               |

### Mechanical Specifications

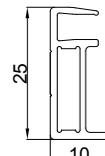
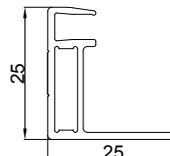
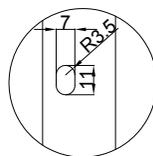
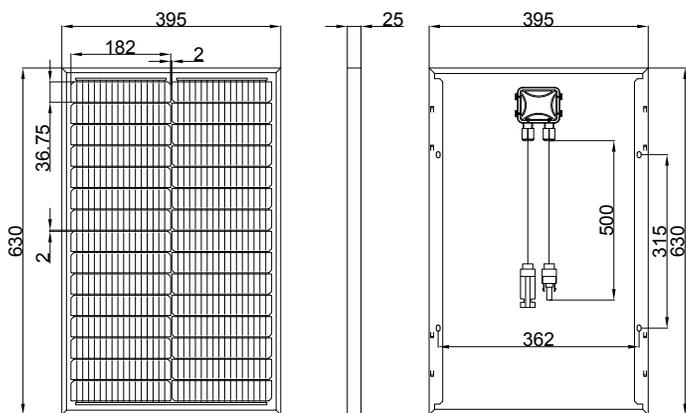
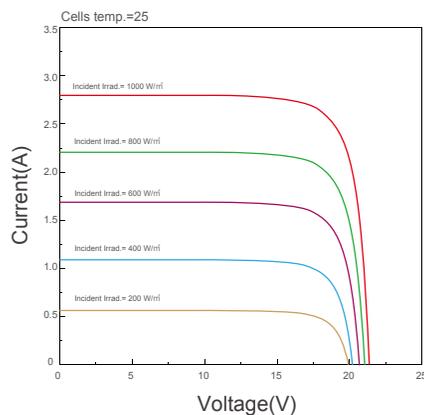
|                     |   |
|---------------------|---|
| External Dimensions | 630*395*25mm                                  |
| Weight              | 2.7kg   |
| Solar Cells         | Mono crystalline 182x36.75mm (2x15pcs)        |
| Front Glass         | 2.0 mm tempered glass                         |
| Frame               | Aluminum                                      |
| Junction Box        | IP67  |
| Output Cables       | 50cm, length can be customized                |
| Connector           | MC4 Compatible                                |
| Mechanical Load     | Front Side Max. 5400Pa, Rear Side Max. 2400Pa |

### Temperature Characteristics

|  |           |
|--|-----------|
| Pmax Temperature Coefficient             | -0.290%/C |
| Voc Temperature Coefficient              | -0.250%/C |
| Isc Temperature Coefficient              | +0.045%/C |
| Operating Temperature                    | -40~+85C  |
| Nominal Operating Cell Temperature(NOCT) | 45±2C     |

### Packing Configuration

|                   |                |
|-------------------|----------------|
| Module Type       | SKT50M10       |
| Module Dimensions | 630*395*25mm   |
| Pallet Dimensions | 660x1115x110mm |
| Pallet Weight     | 265kg          |
| Pieces/Pallet     | 86pcs          |



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