

ET MODULE

ET-M53680

ET-M53680 series offers high power performance for Off-grid PV systems and withstands extreme operating conditions. The modules are produced on a high quality production line, operated by well-trained employees.

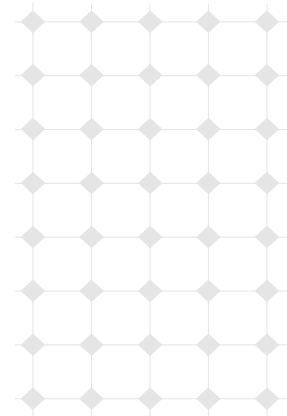


| | Module |
|--------|---------|
| Length | 1217 mm |
| Width | 555 mm |
| Height | 36 mm |
| Weight | 8.2 kg |



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Performance under standard test conditions (STC)

| | |
|------------------------------------|--------|
| Peak power (Pmax) | 80W |
| Maximum power point voltage (Vmpp) | 17.64V |
| Maximum power point current (Impp) | 4.54A |
| Open circuit voltage (Voc) | 21.88V |
| Short circuit current (Isc) | 4.98A |

(voltage±2 current±0.4)

System design characteristics

| | |
|------------------------|--|
| Maximum system voltage | 715 V |
| Reverse current load | Do not apply external voltages in excess of Voc to the module. |

Minor reduction in efficiency under partial load conditions at 25° C at 200W/m², 95 % (+/- 3 %) of the STC efficiency (1000 W/m²) is achieved.

Component materials

| | |
|------------------|-------------------------|
| Cells per module | 36 |
| Solar cells | monocrystalline silicon |
| Cell dimensions | 125 x 125 mm |

Thermal characteristics

| | |
|--------|---------------|
| NOCT | 46 °C |
| TK Isc | 0.08 %/K |
| TK | Voc -0.33 %/K |

Rated power and maximum tolerance

| | |
|-------------------|---------|
| Rated power 80 Wp | +/- 5 % |
| Module Efficiency | >11.8 % |

PHYSICAL CHARACTERISTICS

