

ET MODULE

ET-M54050

ET-M54050 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.

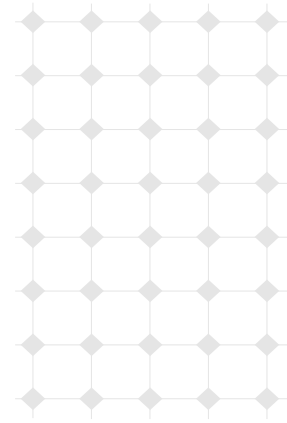


	Module
Length	719 mm
Width	555 mm
Height	34 mm
Weight	5 kg



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Performance under standard test conditions (STC)

Peak power (Pmax)	50W
Maximum power point voltage (Vmpp)	20.4V
Maximum power point current (Impp)	2.48A
Open circuit voltage (Voc)	24.6V
Short circuit current (Isc)	2.6A

(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	40
Solar cells	monocrystalline silicon
Cell dimensions	125 mm square

Thermal characteristics

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

Rated power and maximum tolerance

Rated power 50 Wp	+/- 5 %
Module Efficiency	>12.5 %

PHYSICAL CHARACTERISTICS

