

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 welltrained employees.



Module

719 mm

555 mm

34 mm

Length Width

Height

Height | 34 m Weight | 5 kg

E Solar



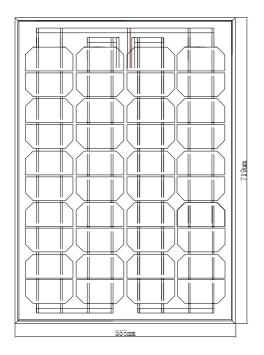
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Performance under standard test conditions (STC)

Peak power (Pmax) Maximum power point voltage (Vmpp) Maximum power point current (Impp) Open circuit voltage (Voc) Short circuit current (Isc)		50W 20.4V 2.48A 24.6V 2.6A
System design characteristics	(voltage <u>+</u> 2	current+0.4)
Maximum system voltage Reverse current load	715 V 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.

PHYSICAL CHARACTERISTICS







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 %

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