

ET MODULE

ET-M53640

ET-M53640 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.

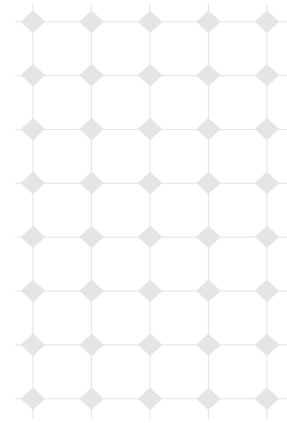


	Module
Length	838 mm
Width	427 mm
Height	34 mm
Weight	4.6 kg



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Performance under standard test conditions (STC)

Peak power (Pmax)	40W
Maximum power point voltage (Vmpp)	17.82V
Maximum power point current (Impp)	2.29A
Open circuit voltage (Voc)	21.96V
Short circuit current (Isc)	2.54A

(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 mm square

Thermal characteristics

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

Rated power and maximum tolerance

Rated power 40 Wp	+/- 5 %
Module Efficiency	>12%

PHYSICAL CHARACTERISTICS

