

ET MODULE

ET-M53620

ET-M53620 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.

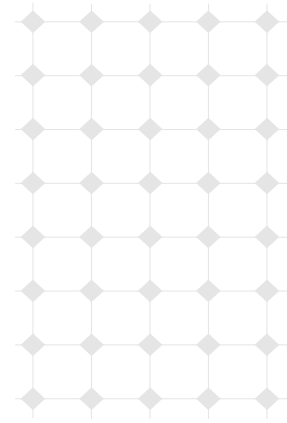


	Module
Length	662 mm
Width	299 mm
Height	34 mm
Weight	2.7 kg



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Performance under standard test conditions (STC)

Peak power (Pmax)	20 W
Maximum power point voltage (Vmpp)	17.82 V
Maximum power point current (Impp)	1.15 A
Open circuit voltage (Voc)	21.96 V
Short circuit current (Isc)	1.27 A

(voltage \pm 2 current \pm 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 20 Wp	+/- 5 %
Module Efficiency	>10.1 %

PHYSICAL CHARACTERISTICS

