

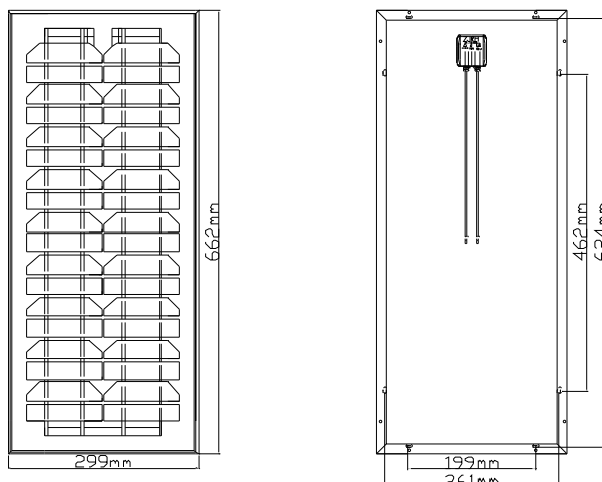
# Solarpanel ET Module ET-M53620 (20W)

Order-No: P 8202.2

- High efficiency
- Low voltage temperature coefficient ensures
- High temperature operation
- Exceptional low light performance combined with high sensitivity to light enables excellent energy delivery
- 25-year limited warranty on power output
- Output Power Tolerance +/- 3%
- 5 year limited warranty on materials and workmanship
- Manufactured in ISO 9001:2000 certified plant
  
- Highest quality, high-transmission tempered glass provides enhanced stiffness and impact resistance
- Advanced EVA encapsulation system with triple-layer back sheet meets the most stringent safety requirements for high-voltage operation
- A sturdy, anodized aluminum frame allows modules to be easily roof-mounted with a variety of standard mounting systems
- Ultra reliable bypass diodes prevent damage through overheating due to shaded or defective cells



## PHYSICAL CHARACTERISTICS



## Specification Solarpanel ET Module ET-M53620: P 8202.2

Peak Power (Pmax)	20 W
Dimensions	299 x 662 x approx. 30 mm
Maximum power voltage	(Vmp) 17.82 V
Maximum power current	(Imp) 1.15 A
Open circuit voltage	(Voc) 21.96 V
Short circuit current	(Isc) 1.27 A
Maximum System volt.	DC 715 V
Cells per module	36
Solar cells	monocrystalline silicon
Cell dimensions	125 mm square
Rated power 20 Wp	+/- 5 %
Module Efficiency	> 10.1 %
Temp Coeff. of Isc	TK Isc. -0.08 %/ K
Temp Coeff. of Voc	TK Voc. -0.33 %/K
Temp. Coeff. of Pmax	TK Pmax. -0.485 %/ °C
Normal operating cell temperature	46 °C
Manufacturer	ET Solar Group

Note:

Minor reduction in efficiency under partial load conditions at 25 °C at 200 W/m 2.95 % (+/- 3%) of the STC efficiency (1000 W/sqm) is achieved.

