

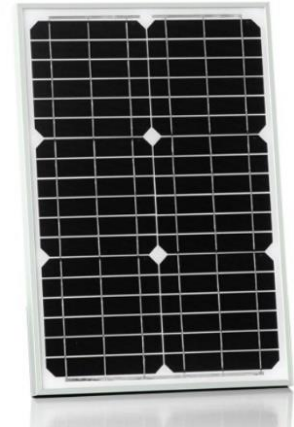
SYMMETRY PRODUCT SPECIFICATIONS



20 Watts

SY-M20W-5M

The Symmetry range of small area modules are perfect for use in a wide variety of low power solar PV systems. Available in a range of sizes from 5 watts up to 160 watts, the Symmetry range uses German manufactured mono-crystalline, weatherproof A grade solar cells in a robust aluminium frame.



Features:

- Product range - Products range from 5 watts to 160 watts
- High efficiency mono-crystalline silicon solar cells
- Low iron, high transmission glass is used for strength and high-power output
- Weather-resistant IP65 junction box
- Framed with a strong, robust and corrosion-resistant aluminium frame with multiple mounting holes for ease of installation.

Model No.	SY-M20W-8M
Nominal Peak (W)	20
Cell Type	Mono-Crystalline
Module Dimensions (mm)	430 x 345
Frame Depth (mm)	25
Net Weight (kg)	1.84
Max. Power Voltage Vmp (V)	17.8
Max. Power Current Imp (A)	1.12
Open Circuit Voltage Voc (V)	22.3
Short Circuit Current Isc (A)	1.21
Power Output Tolerance Pmax (%)	±3%
Operating Temperature (°C)	-40 ~ +85
Max. System Voltage (VDC)	1000
Junction Box IP Rating	IP65
Diode	1 Bypass diode
Cable	5m x 1.3mm ² dual core with tinned cable end (UV resistant)
Packaging Dimensions (mm)	445 x 460 x 40
Gross Weight (kg)	2.13
Warranty	Workmanship and materials: 5 years Power output: at least 90% after 10 years & 80% after 25 years

