SYMMETRY Product Specifications
10 Watts
SY2-M10W-8M

symmetry

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 mono-crystalline, weatherproof A grade solar cells in a robust aluminium frame.

Features:

■ **High Efficiency**
High module conversion efficiency, through innovative manufacturing technology.

■ **Low-Light Performance**
Advanced glass and solar cell surface texturing allow for excellent performance in low-light environments.
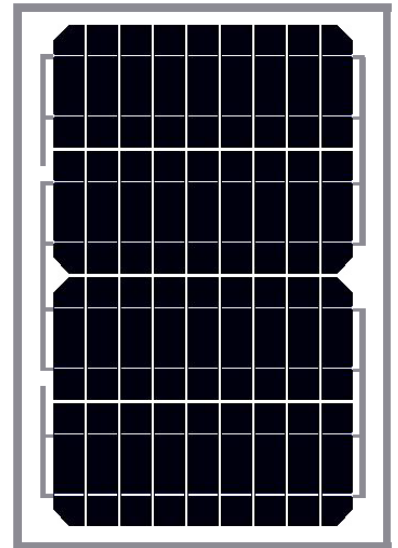
■ **Severe Weather Resilience**
Certified to withstand - wind load (2400Pa) and snow load (5400Pa).

■ **Durability Against Extreme Environmental Conditions**
High salt mist and ammonia resistance certified by TUV.

■ **0-+5W Positive Tolerance**
Detailed information in Electrical Specifications.

Electrical Specifications

Model Number	SY2-M10W-8M
Peak Power – Pmax (W)	10
Max. Power Voltage – Vmp (V)	18.47
Max. Power Current – Imp (A)	0.55
Open Circuit Voltage – Voc (V)	22.63
Short Circuit Current – Isc (A)	0.58
Cell Efficiency (%)	18.19
Module Efficiency (%)	11.66
Max. System Voltage (V)	1000
Max. Series Fuse Rating (A)	10
Power Tolerance	0 ~ +3%
Pmax Temp. Coefficients (W/ °C)	-0.400%
Voc Temp. Coefficients (V/ °C)	-0.290%
Isc Temp. Coefficients (A/ °C)	+0.048%
NOCT Nominal Operating Cell Temp (°C)	45±2
Operating & Storage Temp. (°C)	-40 ~ +85
Standard Test Conditions (STC)	1.000w/m²; AM1.6; 25 +/-2 °C

Mechanical Specifications

Model Number	SY2-M10W-8M
Cell Type	Mono-crystalline
No. of Cells	36 (4x9)
Module Dimensions	335 x 235 x 25mm
Weight	1.2kg
Front Glass	3.2mm high transmission, low iron, tempered glass
Frame	Anodized Aluminium Alloy
Junction Box	IP64 Rated
Output Cable	8m x 0.5mm^2 dual core (UV rated)
Carton Dimensions	338 x 245 x 45mm

Product Standards

Product Performance	IEC61215
Product Safety	IEC61730
Warranty	Workmanship & materials; 5 years

Product Dimensions (mm)

Front

Side

Junction box

8000mm, 0.5mm^2

Pass

Lable

Back