

# 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

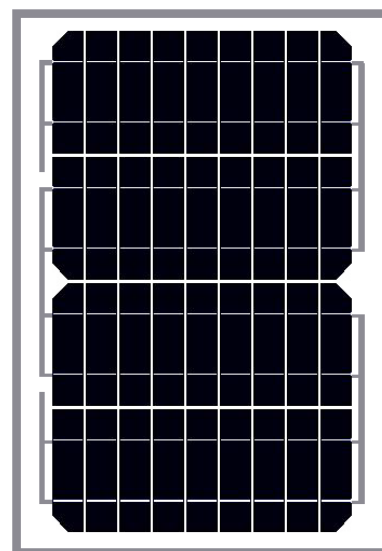
Certified to withstand - wind load (2400Pa) and snow load (5400Pa).

### ■ 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/m <sup>2</sup> ; AM1.6; 25 +/-2 °C



Two Great Stores to choose from...

7 Cemetery Rd,  
Mackay QLD 4740

Phone 07 4957 6123

Unit 16, 547 Woolcock St,  
Mt Louisa, Townsville QLD 4814

Phone 07 4774 7344

# SYMMETRY Product Specifications

10 Watts

SY2-M10W-8M

symmetry

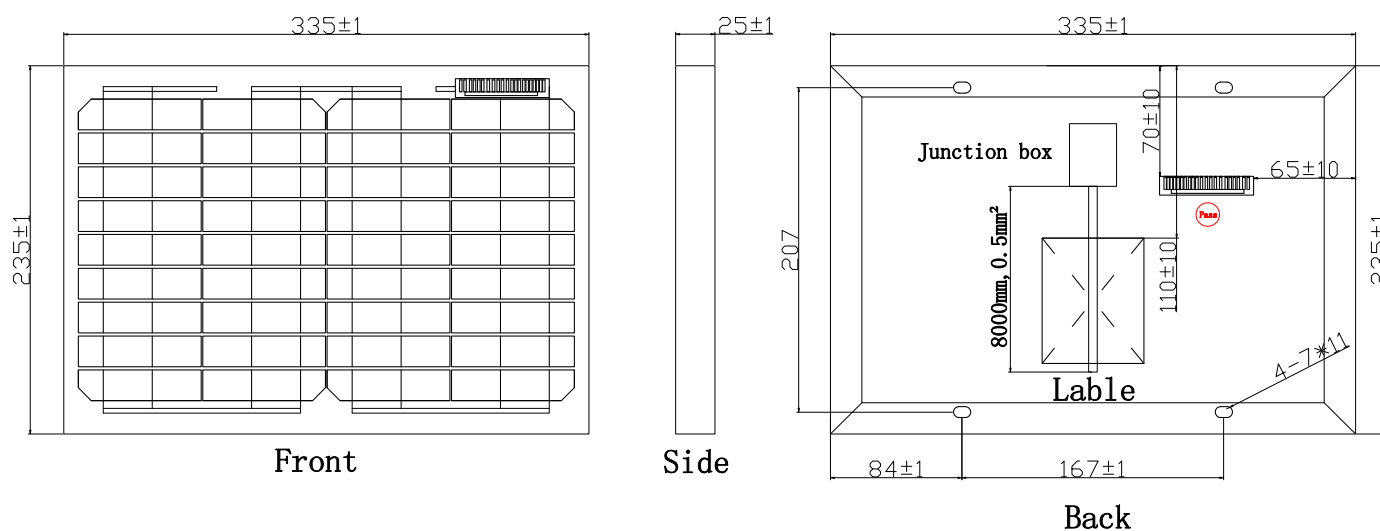
## Mechanical Specifications

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 <sup>2</sup> 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)



Two Great Stores to choose from...

7 Cemetery Rd,  
Mackay QLD 4740

Phone 07 4957 6123

Unit 16, 547 Woolcock St,  
Mt Louisa, Townsville QLD 4814

Phone 07 4774 7344