

# Symmetry Solar Panel Pole Mount Kits



The Symmetry pole mount kits are designed and manufactured in Australia, specifically to mount a variety of Symmetry small area solar panels. Kits are available in three versions to suit up to 235mm (5 & 10 watt), 355mm (20 & 30 watt) and 540mm (40 & 50 watt) wide Symmetry solar panels. They are intended for mounting on a 50mm diameter secured steel pole and are backed by a 2 year warranty.



These kits are compliant with the Australian / New Zealand Standard on Wind Actions (AS/NZS 1170.2:2011).

## Features:

- High durability and corrosion resistance
- Easy to assemble & install
- Pole (50mm Ø max.) or wall mountable
- Fully adjustable panel angle to suit most locations
- Complies with Australian/New Zealand standards on Wind Actions, AS/NZS 1172.2:2011

## Models

Model No	Symmetry Module Size	Modules Up To
SY-PM-5-10W	5 & 10 Watts	235mm wide x 25mm
SY-PM-20-30W	20 & 30 Watts	355mm wide x 25mm
SY-PM-40-50W	40 & 50 Watts	540mm wide x 25mm

## Wind Loads:

The Symmetry solar panel pole mount kit has been assessed and rated to be in compliance with AS/NZS1170.2.2011 on Wind Actions as follows:

NB: The Wind Region has nothing to do with surrounding topography or buildings.

- Most of Australia is designated Region A which indicates a Region. Ultimate Basic Wind Velocity of 45msec.
- Some areas are designated Region B (57m/sec). Local authorities will advise if this applies in your area.
- Region C areas (66m/sec) are generally referred to as cyclonic and are generally limited to northern coastal areas. Most Region C zones end 100km inland.
- Region D (80m/sec) Australia's worst Cyclonic Region between Carnarvon and Pardoo in Western Australia.

Solar Module Size	SMP-5-10W	SMP-20-30W	SMP-40-5-W
250 x 185 x 25mm	Region A, B, C & D	n/a	n/a
335 x 235 x 25mm	Region A, B, C & D	n/a	n/a
430 x 345 x 25mm	n/a	Region A, B, C & D	n/a
605 x 345 x 25mm	n/a	Region A, B, C & D	n/a
550 x 505 x 25mm	n/a	n/a	Region A, B, C & D
650 x 505 x 25mm	n/a	n/a	Region A & B

\* Installed at a maximum height of 5 metres.

AS/NZS1170.2.2011 provides guidance on determining the wind pressures applicable to your Symmetry installation site, taking in local terrain and topography. Sufficient guidance is given in this document, but you may wish to procure a copy of these standards if your company installs Australia wide. Any attempt by an unqualified person to install this product could result in death or serious injury.