

# Specification Sheet

## Wind Region Table Mounting Instructions for 250W Solar Panels

The Tables below indicate the maximum spacing allowed for each support bracket on a tile or metal roof. These are for pitched roofs between 5°-30°.

### How to use the table:

1. Determine your wind region using the map.
2. Determine the height of your installation.
3. Determine the spacing of each support (as per tables below).

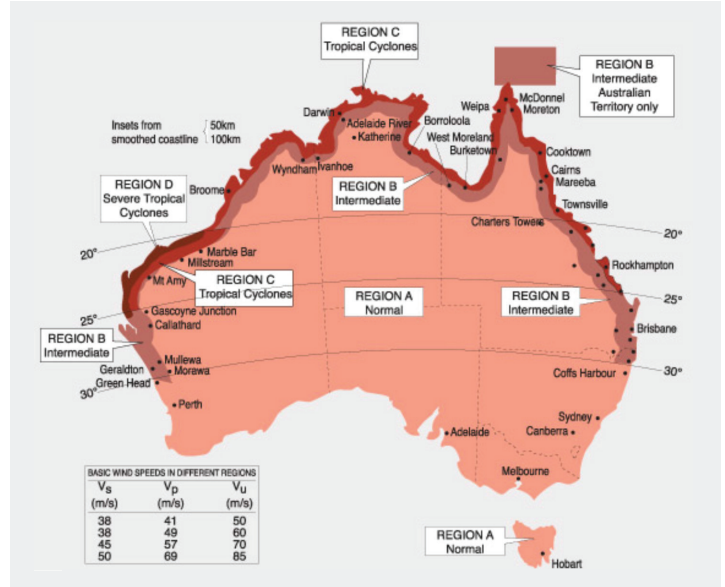
**Region A** - Regional Ultimate Wind Velocity of **45m/sec**

**Region B** - **57m/sec**

**Region C** - Generally referred to as Cyclonic Regions (most region C zones end 100km inland from coast) - **66m/sec**

**Region D** - Australia's worst cyclonic region between Carnarvon and Pardoo in Western Australia - **80m/sec**

Australian Standards AS1170.2 (Australia Only).



Roof Installation <u>Tile</u>	Wind Region A (Sydney, Melbourne, Canberra, Adelaide, Perth, Hobart)	Wind Region B (Brisbane, Gold Coast, Geraldton - WA)	Wind Region C (Townsville, Cairns, Rockhampton, Broome, Darwin)	Wind Region D (Karratha, Port Headland, Carnarvon)
Height from Ground	Mounting bracket maximum Spacing (mm)	Mounting bracket maximum Spacing (mm)	Mounting bracket maximum Spacing (mm)	Mounting bracket maximum Spacing (mm)
5m	1410	1140	860	540
10m	1170	940	770	490
15m	1060	850	670	430

Roof Installation <u>Metal</u>	Wind Region A (Sydney, Melbourne, Canberra, Adelaide, Perth, Hobart)	Wind Region B (Brisbane, Gold Coast, Geraldton - WA)	Wind Region C (Townsville, Cairns, Rockhampton, Broome, Darwin)	Wind Region D (Karratha, Port Headland, Carnarvon)
Height from Ground	Mounting bracket maximum Spacing (mm)	Mounting bracket maximum Spacing (mm)	Mounting bracket maximum Spacing (mm)	Mounting bracket maximum Spacing (mm)
5m	1440	1150	870	550
10m	1190	960	780	490
15m	1080	870	680	430