

# Ground Mount Assembly Instructions

## Tools Recommended:

- 💧 Tape Measure, Compass, Stringline and Pegs
- 💧 Cordless Driver/ Drill with 8mm and 10mm Nut Driver
- 💧 4 x Clamps
- 💧 6mm Allen Key
- 💧 10mm Spanner
- 💧 Spirit Level
- 💧 30kg Bag of Rapid Set Concrete per Post
- 💧 Sufficient Water to Concrete the Posts in
- 💧 Post Hole Shovel and Crowbar

## Directions:

- 💧 Select a space close to the bore/ well/ dam, which has enough room for the solar panel array.
- 💧 Mark a line from East to West using the stringline and compass.
- 💧 For a single panel install, mark two spots no more than 800mm apart and dig two post holes a minimum of 500mm deep. Deeper if the soil is very sandy or loose, or you live in a windy area. For multiple panel installations, set the holes 1000mm - 1200mm apart along the line you have marked.
- 💧 Stand the Ground Mount legs in the holes, Making sure that the angled top section faces North.
- 💧 One pole at a time add the Rapid Set concrete mix and water as per instructions on the bag.
- 💧 Ensure that the angled section faces due north and that the mount is plumb. If installing more than one mount ensure that the tops are all level with each other.
- 💧 Once your mounts are concreted in, and the concrete has set, attach the L feet using the self-drilling screws provided, as per diagram.
- 💧 Mount the rails on the L feet as shown. If you require multiple rails to hold your panels join them with the rail joiners provided. Lightly tighten the allen screws to hold the rails while you level them. Make sure that there is the same amount of rail protruding past the L foot on both top and bottom rails. Once all your rails are level, tighten the allen screws fully.
- 💧 Now place one of your solar panels on the rails with the glass side up, and with the leads at the top end. Try to have the panel centred vertically on the rails and approximately 50mm in from the ends of the rails. Making sure the panel is square to the rails attach two of the end clamps to the outside edge of the panel and tighten them. If installing one panel then attach the remaining two end clamps to the other edge of the panel and tighten them. If installing multiple panels, place mid clamps on the other edge of the panel and then place the next solar panel on the rails in line with the first. With the mid clamps in place push the second panel hard against the first with the mid clamps between them and tighten the mid clamps. Continue this way until the last panel is mounted then use end clamps to lock the last panel in place.

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