



Suitable for remote weather stations and other sensor power requirements

## Datasheet

# Heavy duty solar option for remote weather stations

The solar module consists of all the necessary features and hardware to support many remote weather stations and alike with uninterruptable and self-sustaining 12VDC power. The module is constructed using sheet metal stainless steel and water sealed electronics (IP67) that can be mounted on S pole or rest on the flow.

### Included features and hardware:

- IP67 electrical assembly that withstands heavy rain and dust.
- Strong stainless-steel construction can be used in heavy windy installations.
- Option of customizing the battery capacity and solar panel wattage.
- Built-in solar regulator, battery charger and battery management system.

## Specifications

Size	1.2m X 0.4m X 0.6m
Weight	Depends on battery size
Solar panel options	100W, 250W and 300W
Battery options	12V, 100Ah and 12V, 200Ah

## Electrical features

- Battery overcharge protection
- Battery overcurrent protection
- Low voltage cut-out at 10.5V
- DC voltage output range of 10.5V to 14V



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