

## Solar Panel Mounting Instructions

### WARNING:

Solar panel generate energy even when exposed to small amount of light. Accidental shorting of the terminals/wiring can result in sparks causing damage, injury or fire hazard. It is recommended the front face of the panel is covered with soft dark cloth to block light during installation and wiring.

### Mounting:

Mounting hardware is provided to mount the Solar Panel on a pole and correctly angle it towards the sun. Photos illustrate the mounting arrangement. The horizontal mounting rails can be fixed to wood poles using coach bolts, screws or similar. For concrete or steel poles, chain or stainless steel strap is recommended.



Use appropriate caution and safe work practices to mount the solar panel above height accessible to the public, but clear from close proximity to HV lines.

Ground the frame to reduce lightning and electrical hazards.

Face the solar cell so its face is exposed to the sun for the majority of the day (i.e. to the North). It is recommended to angle the solar cell to 50 degrees off horizontal for North Island New Zealand, and 55 degrees for South Island installations.

