



# Seismograph Hut

## Solar Powered Instrument Enclosure

### Features

- 50W or 80W solar panel
- No-spike solar regulator
- Storage for 2-4 large batteries
- Optional 3G/4G modem with aerial
- Flush mounted high gain GPS aerial
- Lockable, with tamper resistant latch
- Lightweight aluminium construction
- Transported and installed easily by a lone field technician
- One or two sensor ports (below, requires cables with gland plugs)



- Fixed panel 50W solar (below) and 80W (top right) designs available
- Compact 80W design (bottom right)



### Applications

Perfect for aftershock or permanent earthquake monitoring stations, our instrument enclosures are secure, light and well designed for quick deployment - no experience necessary!

A fixed solar panel design is available in two sizes (50W & 80W) which is weatherproof, robust and simple to set up. A more compact enclosure design with folding solar panels (see below) is available which allows for more units to be transported (8 systems will fit in the tray of a VW Amarok or Toyota Hilux dual cab ute).

An 80W solar panel with two 85Ah batteries will keep a seismic recorder and cellular data modem running continuously, and allows for more than a week of power backup without charge. Store two batteries in the 50W and compact version, and four in the 80W design.

