



Photo courtesy of NRG Solar #cutterspec

# CATCH Solar Relay

## Making Solar Installs Easier

CATCH Solar Relay is a multi-faceted device; it can be programmed to control loads based on a number of conditions, and it can act as the energy meter for a range of inverter brands. This makes the installation process easier and of greater value to you and the system owner.

### LOAD CONTROL

**CATCH Solar Relay can be programmed to turn on a load based on these triggers:**

- Exported Solar
- Voltage
- Frequency
- Time

There are four programmable overrides so any combination of these triggers can be used to get the best result to match the load to solar production, voltage or the price of power at different times of the day.

**CATCH Solar Relay can control these types of loads:**

- Electric Hot Water
- Heat pump hot water
- Air Conditioners
- Pool Pumps
- Irrigation and Stock Watering pumps
- Fans
- Underfloor heating
- Garden water pumps
- Lighting circuits



### TECHNICAL DATA

AC Input Voltage	<b>230VAC</b>
AC Frequency	<b>50Hz</b>
Mounting Type	<b>DIN</b>
Warranty	<b>5yrs</b>
Load Delivery	<b>Via a suitably rated contractor</b>
Pole Count	<b>2</b>
External Communications	<b>Bluetooth, MODBUS-RTU, RS485, WIFI</b>
Connection Method	<b>Mains supply and 2 x CTs</b>



## INVERTER CONTROL

The prime role of the energy meter in a solar installation is to report consumption data and to export limit the inverter output. CATCH Solar Relay can do this and a whole lot more!

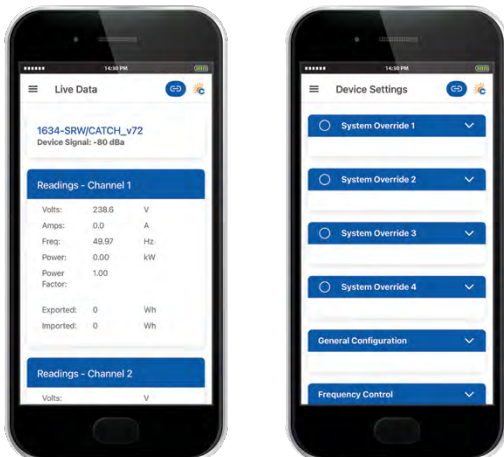
### The list of functionality so far:

- Export limit control
- Consumption data reporting
- Cluster coordination, even with different brands of inverters
- Battery management
- Variable output control of inverter
- Remote control of inverter output (from zero to maximum)
- Reporting of high voltage events to your local DNSP
- Complete site monitoring including summary of export and import values
- Continuous Live data
- And more to come...

## Two apps - One complete solution

CATCH Solar Relay gives you the flexibility to use the CATCH Power monitoring app or the app of the inverter brand (if compatible) that is being used. The CATCH Power monitoring platform will be a powerful addition to any system owner that wants to know how their power is being consumed, how to match loads with solar production and a quick snapshot of what is happening with power in their home at any point in time, LIVE!

### CONFIGURE



### MONITOR AND CONTROL WITH THE MONOCLE



Contact us to learn more about CATCH Solar Relay

