



# CATCH Solar Relay

CATCH Solar Relay is a multi function device designed for the Solar Industry.

If you have electrical loads that need to be controlled based on time, or based on how much energy your solar system is producing, or a combination of both, then CATCH Solar Relay is the device to do it.

CATCH Solar relay is able to power **ANY** electrical load. Single or 3 phase, big or small, resistive or inductive.



## TYPICAL LOADS

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

## 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>           |



# Maximise the Self-Consumption of Your Solar

CATCH Solar Relay can be used in any electrical installation that requires intelligent timing of loads, the solar relay has features specifically for the Solar Owners.

## PROGRAMMING LOADS BASED ON SOLAR EXPORT

If you want to turn on a large load, but only when your solar system is exporting 3kW of energy or more, you can program this into the Solar Relay with ease.

## PROGRAMMING LOADS BASED ON GRID VOLTAGES:

If your Solar system is tripping out on Grid voltages, CATCH Solar Relay can be programmed to turn loads on when the voltages get too high. Then turn the loads off again when the voltage returns to normal.

## The Monocle - Get good at solar

- Monitor production and consumption in real time
- Summarise each day; Production, consumption, imported, exported energy
- Measure and understand how you utilised your solar
- Analyse data over a selection of dates
- Control connected loads remotely
- Intuitive interface for ease of use



### INVERTER CONTROL!

CATCH Solar Relay can be used as the energy meter for a range of inverter brands.

This means that CATCH Solar Relay can be used for reporting consumption data and export limiting the inverter.

Please refer to our Inverter Control brochure for details.

Contact us to learn more about CATCH Solar Relay

