

Remote Programmable Relay Interface

Microcare Inverters are Pure Sine Wave Bi-Directional Inverters designed to obtain optimum inverted AC power from an installed DC Solar System. Microcare Inverters use galvanic isolation resulting in the product being highly robust and reliable with low standby current and high efficiency ratings.



- **Load shed controller**
 - Relay switches off when battery voltage falls below the user selected battery low voltage.
 - Relay switches on when battery voltage rises above the user selected battery good voltage.
- **Day Night Switch**
 - Relay switches on when panel voltage falls below the battery voltage.
 - Relay switches off when panel voltage rises above the battery voltage.
- **Generator controller**
 - Same operation as Load shed controller.
 - Connect COM – NC (normally close) connections to generator remote start.
- **Solar Assist Function**
 - Same operation as Load shed controller

LED FUNCTION:

| | | |
|-------|-------|-------------------|
| Power | Green | Power is present |
| Tx | Red | Transmitting data |
| Rx | Red | Receiving Data |

The power LED should be on at all times.

The Two RED LED's should be flashing with one second intervals

SPECIFICATIONS:

| | |
|--------------------------|--|
| Switching Current Rating | Available in a 12 or 40A version |
| Switching Voltage | 12V _{DC} / 220V _{AC} |
| Warranty | 3 years |
| Open port | RS232 communications |
| Closed port | Programming internal microprocessor |
| Dimensions (l x w x d) | 15 x 13 x 5cm |