

Three-Phase Inverter Application

Microcare Inverters can be set up for Three-Phase applications

Please be aware of the following changes when installing a Microcare Inverter in a Three-Phase application:

- The order needs to be placed with Microcare as a Three-Phase system.
- An additional synchronisation cable and port is added to the Inverters for the Three-Phase system.
- **IT IS NOT POSSIBLE TO BUY 3 INVERTERS AND PUT THEM IN AS A THREE-PHASE INSTALLATION**
- When the Inverters are purchased as a Three-Phase system, they are no longer Bi-directional Inverters.
- **This means that the Inverter MUST NOT be connected to MAINS power or a generator to support Battery charging**
- An independent charger can be purchased from Microcare if additional charging is required for the battery bank. Microcare would need the following information: battery bank Size: number & size of batteries, battery bank Voltage. Is charging going to be done through mains or a generator? What size generator?
- NOTE: a single battery bank needs to be supplied for all of the Three-Phase Inverters so that all the Inverters will disconnect at the same time due to low battery.

