

## **SINGLE PHASE INVERTER SERIE GIM**

### **DESCRIPTION**

GIM Power Inverters (48VDC to 400VDC) single phase, provide premium power that is identical to or even better than power supplied by your electric company. They produce low distortion sinus waveform output to your mission critical equipment.

### **GENERAL SPECIFICATIONS**

- Detailed monitoring by alphanumeric LCD panel
- 2 microprocessors
- 128 long event recording with RTC
- RS232 or DRY contact relays
- 3 phase or single phase options
- SNMP communication
- 2 years warranty



### **TECHNICAL SPECIFICATIONS**

|                 |                       |   |
|-----------------|-----------------------|---|
| Input           | Voltage               | 48 VDC to 400 VDC                                     |
| Output          | Power (kVA)           | 3kVA - 300kVA   |
|                 | Voltage               | 230/400V, 50/60Hz Single phase                        |
|                 | Voltage regulation    | Balanced load: $\pm 1\%$ , Unbalanced load: $\pm 2\%$ |
|                 | Frequency             | 50Hz/60Hz   |
|                 | Frequency stability   | free running: $\pm 0,2\%$                             |
|                 | Efficiency            | 98%   |
|                 | Waveform              | Sinusoidal  |
|                 | Load power factor     | 0.8   |
|                 | Signal distortion THD | Linear load: $< 3\%$                                  |
| Protection      | Overcurrent           | Electronic protection                                 |
|                 | AC output voltage     | AC voltage low and high protection                    |
|                 | DC input              | 3 level alarms  |
| Standards apply | Power Module          | IGTB or IPM module                                    |
|                 | Front panel           | Alphanumeric LCD 2x16 characters                      |
|                 | Control Buttons       | 3 or 5 buttons  |

Other characteristics available under demand (by-pass isolation, parallel operation, alarm buzzer, remote REPO input, RS232 interface...)