

Emerg-Power Systems

Control panel & display

Meter function

- AC voltage input
- AC voltage output
- AC current output
- Battery voltage
- Battery current
- VA output
- Inverter watts
- Ambient temperature
- System days (cumulative)
- Inverter minutes (cumulative)

Program functions

- Set date
- Set time
- Set monthly test date and time
- Set annual test date and time
- Set load fault reduction setting
- Set low battery alarm
- Set near low battery alarm
- Set low AC voltage alarm
- Set high AC alarm
- Set ambient temperature alarm

Alarms

- High battery charger voltage
- Low battery charger voltage
- High AC Input voltage
- Low AC input voltage
- Near low battery voltage
- Low battery voltage
- Load reduction fault
- High ambient temperature
- Inverter fault
- Output fault
- Output overload

Control functions

- Test and event logs (75 logs stored) logs record the following data: date, time, duration, output voltage, output current, ambient temperature and alarms present.
- Alarm logs (50 logs stored) logs record the following data: Date, Time and Alarm type
- Buzzer On/Off (toggle)
- 5 LED Indicators and alarms with ringback feature



System testing

Manual tests of system may be performed at any time using the control panel test key. Automatic self-diagnostic tests consist of a 5-minute monthly and 90-minute annual function (the user can program the date and time of day the test is to take place). The microprocessor automatically records the last 75 test events in its own separate test result log.