

Section 22

## **INTELLIGENT POWER SUPPLIES (IPS)**

Recognizing that power supplies can be monitored and controlled either as standalone units or in a large system has led us to the future once again. We offer the ability to remotely control and monitor all power supply functions and to record power supply data for tracking purposes

### Control

- Output Voltage
- Over Voltage
- Remote Enable/Disable
- Reset from Shutdown
- Fan Speed
- Local Inhibit

### Battery Management

- Equalize
- Battery Charge Current
- Low/High Voltage Disconnect
- Float Voltage Temperature Compensation



### Monitor

- Voltage
- Current
- Temperature
- AC Input Line
- Enable/Inhibit Mode
- Fan Speed
- Remote/Local Sense
- Input/Voltage/Frequency Monitor
- AC/DC OK LED
- Programmable Power Good/Fail
- Programmable Over Voltage Protection
- Programmable Over Temperature Protection
- EMO Switch
- AC Frequency
- Current Sense
- Frequency Monitor
- Major/Minor Alarms

### Data Storage

- Model
- Serial #
- Barcode
- Maximum Temp.
- Maximum Voltage /Current
- Hours of Operation
- Repair History

### Communications

- RS232
- RS485
- I<sup>2</sup>C
- Ethernet