



US DRIVES, INC.

P.O. Box 281

2221 Niagara Falls Boulevard

Niagara Falls, New York 14304-0281

Tel: (716) 731-1606 Fax: (716) 731-1524

Visit us at www.usdrivesinc.com

Phoenix GX AC Drives

- Microprocessor Based Digital Control Circuitry
- Latest Generation IGBT Power Devices and Surface Mount Printed Circuit Boards
- Grid-Tied and Off-Grid Control
 - Grid-Tied AFE DC Bus Voltage Control
 - Grid-Tied Current Control
 - Grid-Tied Load Bank Control
 - Off-Grid Variable Voltage and Frequency Control
- Operator Keypad with Back-Lit English Language Display – 2 Line, 32 Character
 - Easily Display any parameter including Output Frequency, Output Current, Output Voltage, Kw, and KWH
 - User Programmable Parameter Scaling and Formatting – Display “Real World” Values – GPM, CFM, PSI
 - Includes Start/Stop and Fault Reset Keys
 - LED’s for “Current Limit”, “Fwd/Rev”, “Run”, and “Fault.”
- 50°C Ambient Temperature Rating (Nema 1 Enclosed Drives)
- Ground Fault and Line to Line Short Circuit Protection
- Input & Output Voltage Surge Protection - Transients to 6000V - Meets IEEE C62.41-1991 Cat B
- High Electrical Noise Immunity – Meets EN50082-1,2 – Showering Arc, 2000 V Peak
- Built In Radio Frequency Noise (RFI) Filter
- Built In Kw / kWh Metering and Total Cost of Power Calculator
- Programmable Time Based Function Generator and Programmable Threshold Detectors
- Two Customer Adjustable Maintenance Timers with Alarms plus Run Time Totalizer
- User Programmable Auto-Restart Function
- Metal Enclosure (Reduces EMI) – Nema Type 1 as Standard, Nema 12/4/4X Optional
- Auto-logging Fault History - Last 10 Faults Saved in Order of Occurrence
- 8 Digital Inputs, 24 VDC (7 Programmable Inputs and 1 Fixed Stop/Enable Input)
- 2 Programmable Digital Outputs – Two Form C Dry Contacts rated 5 Amps at 115VAC
- 2 Programmable Analog Input Signals, -10 VDC to +10 VDC or 4 to 20 ma
- 2 Programmable Analog Output Signals, -10 VDC to +10 VDC

3 Year Warranty

Made In USA