



US DRIVES, INC.



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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 and 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**
- **Autologging 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