



US DRIVES, INC.
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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 lines, 32 characters
 - 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