Frequency Converter Application Data Sheet

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Contact: _____ **Date:** _____
Company: _____ **Phone:** _____
Address: _____ **Fax:** _____
_____ **Email:** _____

Quantity _____
Application: _____

AC Input

Voltage: _____V ± ____%, ___ phase, ___ wire
Frequency: _____Hz
Total Harmonic Distortion (current) ____%
Power Factor: _____ lag and ____ lead
Efficiency: _____%
☐ Circuit Breaker ☐ Input Fuses
☐ Contactor ☐ EMI/RFI Filter
☐ 12 Pulse ☐ 18 Pulse (6 Pulse standard)

AC Output

Voltage: _____V ± ____%, ___ phase, ___ wire
Frequency: _____Hz Frequency Stability: ± _____Hz
Voltage Regulation: ± _____%
Current: _____A Current Regulation: ± _____%
Current Limit: from _____A to _____A
Power: _____KVA
Total Harmonic Distortion (voltage) _____%
Response Time: _____
Power Factor: ____ lag and _____ lead
☐ Circuit Breaker ☐ Output Fuses
☐ Contactor ☐ EMI/RFI Filter
☐ Transformer Isolation

Environmental/Mechanical

Enclosure Type: Nema _____ IP _____
☐ Indoor ☐ Outdoor ☐ Dust Resistant
☐ Blown Dust Sand Dirt ☐ Salt Air ☐ Corrosive
☐ Freestanding ☐ Rackmount
☐ Mobile ☐ Towable
☐ Unit used in aircraft hangar
Paint: Color: _____ Type: _____
Limiting Dimensions: _____ Limiting Weight _____lbs
Audible Noise: ____dB at ____ feet
Cooling: ☐ Forced Air (standard) ☐ Natural
Operating Temp.: -25°C to 40°C or °C to °C
StorageTemp. : -40°C to 65°C or °C to °C
☐ Input cable ____ feet ☐ Output Cable ____ feet
Connectors: Please detail desired input & output connectors/plugs:
_____
_____

Protection

☐ Overvoltage ☐ Undervoltage
☐ Overtemperature
☐ Overcurrent/Overload _____% for _____
☐ Standard Overload Capacity: 110% for 1 hour, 125% for 10 minutes, 150% for 2 mnutes, 200% for 20 seconds, 300% for 6 seconds
☐ Phase Loss (3 Ph only) ☐ Phase Rotation (3 Ph only)

Pilot Devices

☐ Start/Stop Pushbutton (input contactor req'd)
☐ Fault Reset Pushbutton ☐ Fault Indicator
☐ Power On Indicator ☐ Overtemperature Indicator
☐ _____ ☐ _____
☐ Emergency Stop Mushroom Pushbutton

Metering/Instrumentation

☐ Output Ammeter: ☐ Digital ☐ Analog
☐ Output Voltmeter: ☐ Digital ☐ Analog
☐ Input Ammeter: ☐ Digital ☐ Analog
☐ Input Voltmeter: ☐ Digital ☐ Analog
☐ Frequency Meter: ☐ Digital ☐ Analog
☐ Elapsed Time Meter

Remote Control

Interface Type
☐ IEEE 488 (GPIB) ☐ RS232
☐ Analog Voltage Signal: ☐ 0-5V ☐ 0-10V ☐ _____
Current Signal: ☐ 4-20mA ☐ _____
Function: ☐ Start/Stop ☐ Reset ☐ Fault Indicator
☐ Current Adjust ☐ Voltage Adjust

Options

☐ Audible Alarm ☐ Dual Output
☐ Parallelable ☐ 12 Pulse Design

Standards

☐ MIL-STD-704F ☐ MIL-STD-461 (specify sections)
☐ UL 1012

Additional Information _____
_____
How did you hear about us/what were your search words:
_____

Fax Back to: PCTI Sales (724) 452-4791