Inverter 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

DC Input
Voltage: ____V ± ____% or ____ to ____V Range
Power Factor: _____ lag and _____lead
Efficiency: _____%
Total Harmonic Distortion (current) ____%
☐ Circuit Breaker ☐ Input Fuses
☐ Contactor ☐ EMI/RFI Filter

Output ☐ AC ☐ DC
Fixed Voltage: _____V ± ___%, __ phase, __ wire
OR
Voltage Range: _____V to _____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
Waveform: ☐ True sine ☐ Square Wave
☐ Transformer Isolation

Protection
☐ Overvoltage ☐ Undervoltage
☐ Overtemperature
☐ Overcurrent/Overload _____% for _____
☐ 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
☐_____ ☐_____

Metering/Instrumentation
☐ Input Ammeter: ☐ Digital ☐ Analog
☐ Input Voltmeter: ☐ Digital ☐ Analog
☐ Output Ammeter: ☐ Digital ☐ Analog
☐ Output Voltmeter: ☐ Digital ☐ Analog
☐ Frequency Meter: ☐ Digital ☐ Analog

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

Environmental/Mechanical
Enclosure Type: Nema _____ IP_____
☐ Indoor ☐ Outdoor ☐ Dust Resistant
☐ Blown Dust Sand Dirt ☐ Salt Air ☐ Corrosive
☐ Freestanding ☐ Rackmount ☐ Mobile
Paint: Color: _____ Type: _____
Limiting Dimensions: _____ Limiting Weight _____lbs
Audible Noise: ____dB at ____ feet
Cooling: ☐ Forced Air ☐ Natural Convection
☐ Heatpipe ☐ Water
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 below _____
_____
Additional Information: _____
_____

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