

<b>PXe-330030-400F-DC Series Ground Power Unit (GPU) Specification</b>	
Model	PXe-330030-400F-DC
Capacity	30kVA
Phase	Three Phase In/ Three Phase Out/ DC Out
<b>Input</b>	
Nominal Voltage	415V (L-L) $\pm 10\%$ , 3 phase +N+G
Acceptable Range	373.5V-456.5V
Frequency	50Hz
Power Factor	> 0.8 (Standard)
<b>Output</b>	
Nominal Voltage	Output 1 – 230V (L-N)/ 400V (L-L), 3 Phase +N (30kVA Capacity) Output 2 – 28Vdc, 600A continuous (2000A startup)
Rated Current	Output 1 – 43.4A per phase @ 230V (L-N) Output 2 – 28Vdc 600A continuous
Frequency	400Hz
Voltage Accuracy	< $\pm 1\%$ FS (Full Scale)
Frequency Accuracy	< $\pm 0.1\%$ FS (Full Scale)
Total Harmonic Distortion (THD)	THD < 3% @ Linear Load, pure sine wave output
Crest Factor	3:1
Overload Capacity	100% continuous, <110% - 15 minutes, <125% - 10 minutes, <150%- 1 minute, <200%- 5 seconds DC – 2000A startup for 10 Seconds
Interface	Ethernet/ I/O bidirectional remote control
Protection	Over Current, Overload, Over Voltage, Overheat, Short Circuit, Alarm and Indicators
Enclosure IP	IP22
LED/ LCD Display	Digital Frequency Meter Digital Voltage Meter Digital Current Meter Digital Power/ PF Meter
Connectors	Hard-Wire Terminals, EN60309, MIL-STD, or client choice
<b>Environment</b>	
Temperature	Operational: -10C~55C

	Ambient: -10C~45C
Noise	<65dB at 1 meter, EN55022, IEC1000-4
Humidity	10~90% non-condensing
Cooling	Variable speed fan, air intake in base, exhaust at rear
Altitude	<1800 meters
Castors or Feet	Castors with front brakes
<b>Reliability &amp; Efficiency</b>	
Mean Time Between Failure (MTBF)	50,000Hrs
Mean Time to Restore (MTTR)	<30 minutes
Overall Efficiency	>85%
<b>Dimensions and Weight</b>	
Dimensions	1100x900x1300mm
Weight	360 kg
<b>Standards</b>	
CE	CE Marked, UL Conforming
GB 50054-95, GB 50150-1991, GB 50150-2006, GB 50171-1992, GB/T 16935.5-2008, GB/T 16935.4-2011	
EN IEC61000-3-2, EN 6100-3-3, EN55032, EN55035, MIL-STD 461, MIL-STD 704, STANAG 1008	

