

Specification – PXe-330000-400-F Series Static Frequency Converter	
Model	PXe-330045-400-F
Capacity	45kVA
Phase	Three Phase
Input	
Nominal Voltage	400V (L-L) $\pm 10\%$, 3 Phase +N
Acceptable Range	360V-440V
Frequency	50Hz
Power Factor	> 0.8 (Standard)
Output	
Nominal Voltage	115V (L-N)/ 200V (L-L) 3 Phase +N
Rated Current	130A per phase @ 115V
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 >200% output cut off
Interface	RS232C or RS485 optional
Protection	Over Current, Overload, Over Voltage, Overheat, Short Circuit, Alarm and Indicators
Enclosure IP	IP22 (IP54 optional)
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
Environment	
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	<3000 meters
Castors or Feet	4kVA+ have castors with front brakes. A/Vs or feet optional/ Rubber wheels and Swivel tow bars available upon request
Reliability & Efficiency	
Mean Time Between Failure (MTBF)	50,000Hrs
Mean Time to Restore (MTTR)	<30 minutes
Overall Efficiency	➤ 85%
Dimensions and Weight	
Dimensions	580x1100x1500mm
Weight	440kg
Standards	
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	

