

Specification – PXe Series Static Frequency Converter	
Model	PXe-110001
Capacity	1kVA
Phase	Single Phase
Input	
Nominal Voltage	230V (L-L) $\pm 10\%$, 1 Phase +G
Acceptable Range	207-253V
Frequency	50Hz
Power Factor	> 0.8 (Standard)/ >0.9 (Optional type, 12 pulse)
Output	
Nominal Voltage	230V (L-L), 1 Phase + N
Rated Current	8.7A per phase
Frequency	60Hz
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
Interface	None for standard units RS232C/ RS485/ GPIB (Optional)
Protection	Over Current, Over Load, Over Voltage, Over Heat, Short Circuit, Alarm and Indicators
Enclosure IP	IP22 (Standard), IP32, IP54 (Optional) or as per requirement
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	<1800 meters
Castors or Feet	0.5-3kkVA have rubber feet and lifting handles, 4kVA+ have castors with front brakes. A/Vs or feet optional
Reliability & Efficiency	
Mean Time Between Failure (MTBF)	50,000Hrs
Mean Time to Restore (MTTR)	<30 minutes
Overall Efficiency	➤ 85%
Dimensions and Weight	
Dimensions	430X380X133mm
Weight	20kg
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, STANGAG 1008	

