



PX Electronic Limited

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Specification – PXe DC/400Hz Combi Static Frequency Converter	
Model	PXe-28-30000.5F PXe-28-30001F PXe-28-30001.5F PXe-28-30002F
Capacity	0.5kVA 1kVA 1.5kVA 2kVA
Phase	DC In/ Three Phase AC Out
Input	
Nominal Voltage	24-28Vdc
Power Factor	>0.8
Output	
Nominal Voltage	115V (L-N)/ 200V (L-L) 3 Phase + N + G
Rated Current	1.4A per phase (0.5kVA) 2.8A per phase (1kVA) 4.3A per phase (1.5kVA) 5.7A per phase (2kVA)
Frequency	400Hz
Voltage Accuracy	< ±1% FS (Full Scale)
Frequency Accuracy	< ±0.1% FS (Full Scale)
Total Harmonic Distortion (THD)	THD < 3% @ Linear Load, pure sine wave output
Crest Factor	1.414
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
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	TBC
Weight	TBC
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	

