

Specification – PXe Series Multi Output Frequency Converter	
Model	PXe-33014.5T
Capacity	14.5kVA
Phase	Three Phase In/ Three/ Three Phase Out
Input	
Nominal Voltage	440V (L-L) $\pm 5\%$, 3 phase +G (Delta)
Acceptable Range	418V-462v
Frequency	60Hz
Power Factor	> 0.8 (Standard)
Output	
Nominal Voltage	Output 1 – 115V (L-N)/ 200V (L-L), 3 Phase +N (10kVA Capacity) Output 2 – 254V (L-N)/ 440V (L-L), 3 phase + N(4.5kVA Capacity)
Rated Current	Output 1 – 28A per phase Output 2 – 5.9A per phase
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
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	IP44
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	Castors with front brakes
Reliability & Efficiency	
Mean Time Between Failure (MTBF)	50,000Hrs
Mean Time to Restore (MTTR)	<30 minutes
Overall Efficiency	>85%
Dimensions and Weight	
Dimensions	600x530x1650mm
Weight	To Be Advised
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	

