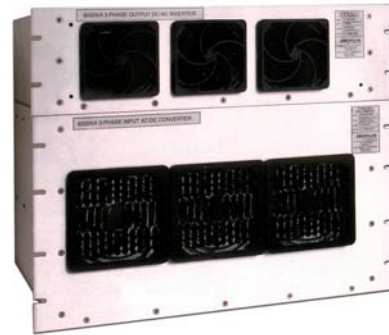


6000VA, SINGLE-PHASE TO 3-PHASE FREQUENCY CONVERTER WITH SINE WAVE OUTPUT AB/FTP 6000 SERIES

- Sinusoidal wave shape
- Isolated, floating output
- 6000VA output power
- Full electronic protection
- Industrial quality
- Field-proven design topology



The FTP6000 AC/AC frequency converter provides 3-phase power from a single-phase line outlet. The standard unit delivers 3-phase outputs of 208rms, 380Vrms or 415Vrms (PH-PH) continuous at 50, 60, or 400Hz. The floating outputs are isolated from each other and can be connected in a 'Y' configuration or left as three individual outputs. In 'Y' configuration, the centre point (neutral) can be grounded. The FTP6000 can be shut down electronically by a control switch on the front-panel of the unit. A remote shut-down option is also available. The unit features full electronic protection, high efficiency and low input and output noise.

SPECIFICATIONS

<p>Input Voltage 115VAC, 60Hz - 400Hz 230VAC, 50Hz single phase Consult factory for other inputs</p> <p>Input Protection Thermal fuse Inrush current limiting</p> <p>Standards Designed to meet C22.2 No. 107.1 - 01, UL 458 and EN60950</p> <p>EMI EN 55022 Class A as a minimum</p>	<p>Output Voltage 208rms/ 3-phase continuous or 380Vrms/3-phase continuous or 415Vrms/3-phase continuous at 50, 60, or 400Hz. The centre point (neutral) is floating - it can be grounded.</p> <p>Wave Form: Sinusoidal</p> <p>Total Harmonic Distortion Less than 5% at full load</p> <p>Line Regulation Maximum 0.5%</p> <p>Load Regulation Maximum +/-6% from 10% load to full load</p>	<p>Output Protection Current limiting with short circuit protection. Thermal shutdown with automatic recovery in case of insufficient airflow</p> <p>Efficiency Min 78% at full load</p> <p>Load Crest Factor Maximum 3.0 at 90% load</p> <p>Frequency Stability ± 0.1%</p> <p>Operating Temperature Range 0°C to +50°C Extended temperature range available</p>	<p>Temperature Drift (for level of output V) 0.05% per °C over operating temperature range</p> <p>Environmental Protection Basic ruggedizing</p> <p>Dimensions 9U x 19" x 18" Each module measures 3U x 19" x 18"</p> <p>Connections Input/output: terminal block</p> <p>Weight 90 pounds (40kg)</p>
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Warranty: Twelve months subject to application within good engineering practice.
Enhancements to these general specifications can be accommodated upon request
Designed to meet common approval requirements. Specifications subject to change.

**Designer and manufacturer of quality converters, inverters, UPS systems, complete rack mount systems
and DC-input fluorescent lamp inverters since 1982. Custom or standard.**