

AC/AC Frequency Converters

FTP6000R

| | |
|-----------------------------|---|
| Input Voltage | 115VAC, 60Hz - 400Hz or 230VAC, 50Hz single phase Other inputs available, please consult factory |
| Input Protection | Thermal fuse, Inrush current limiting |
| Isolation | 2250 VDC input to chassis / 2250 VDC input to output / 2250 VDC output to chassis |
| Output Voltages | 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 Consult factory for other voltages and frequencies |
| Wave Form | Sinusoidal |
| Total Harmonic Distortion | Less than 5% at full load |
| Efficiency | Min 78% at full load |
| Line Regulation | Maximum 0.5% |
| Load Regulation | Maximum $\pm 6\%$ from 10% load to full load |
| Output Protection | Current limiting with short circuit protection, thermal shutdown with automatic recovery in case of continuous overload or insufficient airflow |
| EMI | EN 55022 Class B (typical) |
| Load Crest Factor | Maximum 3.0 at 90% load |
| Frequency Stability | $\pm 0.1\%$ |
| Operating Temperature Range | 0o C to +50o C (Extended range available, Consult factory) |
| Humidity | 5 - 95% non-condensing |
| Temperature Drift | 0.05% per o C over operating temperature range |
| Dimensions | 12U x 19" x 15" Rack Mount Enclosure Depth: 17" maximum |
| Connections | Input/output: terminal block |
| Weight | 90 pounds (40kg) |
| Safety | Designed to meet C22.2 No. 107.1 - 01, UL 458 and EN60950 Please contact factory for approval status for the requested input/output configuration |

Warranty: Twenty Four 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 Without Notice. Designed and Manufactured in Canada



ANALYTIC SYSTEMS
Power Conversion Solutions

8128 River Way, Delta B.C. V4G 1K5 Canada T. 604.946.9981 F. 604.946.9983 TF. 1.800.668.3884 (US/CANADA)

www.analyticsystems.com