

FREQUENCY CONVERTERS

Microprocessor Control

High Reliability

Special Products



TOWER



ECO FRIENDLY



SERVICE /
TECH. SUPPORT



TESCOM Frequency converters are an electrical supply system for devices powered by AC voltage from the mains and requiring a different frequency. Transportation, maritime, telecommunications and military systems are the main areas of use. Special production device with special input/output values can be made upon your request.

Tescom Frequency Converters are designed for continuous operation with PWM and IGBT technology and convert 50Hz, 60Hz or 400Hz utility line power to 50Hz, 60Hz or 400Hz power to operate your critical loads.

GENERAL SPECIFICATIONS

- Detailed monitoring by alphanumeric LCD panel
- Microprocessor control
- 128 detailed event recording with RTC
- Separate battery supported clock and calendar
- RS232 or DRY contact relays
- Customized input voltage and frequency ranges
- Three phase or single phase options
- Advance communication
- SNMP compatible
- 2 years warranty

TECHNICAL SPECIFICATIONS

INPUT	
Voltage	220/230V single phase - 380/400V 3 phase \pm 15% (other voltages; ask)
Frequency	50Hz./60Hz./400Hz. (\pm 5%)
OUTPUT	
Power (kW)	5kVA to 300kVA 50Hz /60Hz /400Hz
Voltage	120/208V 60/400Hz - 230/400V 50/60Hz. (other voltage ranges available)
Voltage regulation	+ 1% (balanced load) + 2% (unbalanced load)
Frequency	50/60/400Hz.
Frequency stability	+ 0,2 Hz (free running)
Efficiency	85% - 90%
Protections	Short circuit protection, overload protection, output voltage out of tolerance protection
Voltage protection	AC voltage low and high protection
Output waveform	Sinusoidal (THD < 3% for lineer load)
Output power factor	0.7 (single phase) - 0.8 (three phase)