



ANALYTIC SYSTEMS

Power Conversion Solutions

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(Shown with Optional Digital Meter)

Benefits

- Ultra-Quiet
- Power sensitive electronics without interference
- Rugged & Reliable
- Ensure years of safe and trouble free operation

Applications

- Telecom Power Plants
- Electric Utilities and Substations
- Marine & other rugged environments
- Base Station Power
(Radio & Telecommunications)
- Industrial Controls
(OEM Applications)
- Solar / Alternative Power Systems
- Emergency Power Backup (UPS)

DC/DC Converters

VTC1015 Isolated DC/DC Converters

Description

The model VTC1015 Voltage Converter supplies either 12V, 24V, or 48 VDC from a 24V or 48VDC power source.

All new Current Mode switching design offers increased power and reliability in a compact package. Extra input and output filtering reduce EMI to extremely low levels. Reliability features include an input fuse, thermal shutdown, current limiting, reverse battery hookup protection and output short circuit shutdown with automatic recovery.

The output voltage is easily adjusted 0.5 volts above or below the standard output voltage. Devices connected to the converter are protected by an output overvoltage crowbar circuit.

Optional features include a Remote Control, a 19" Rack Mount version, and/or a Digital Volt Ammeter to allow monitoring of output current and output voltage.

Features

- Fully Isolated Design
- Transient Voltage Suppressor
- Adjustable output voltage
- Audible & visual indicators for constant current, low input voltage, low output voltage & over-temperature
- Over-temperature shutdown
- Short circuit protection
- Output overvoltage crowbar
- Cycle by cycle current limiting
- Reverse input protection
- Ultra-quiet low EMI operation
- Dry contact output fail relay
- Thermostatically controlled fan
- Custom input / output voltages from 8 to 55 VDC
- Remote control option
- 19" Rackmount option
- Wide-Temperature operation Available
- Conformal Coating and/or Harsh Environment Ruggedization Available
- 3 year parts and labour warranty

