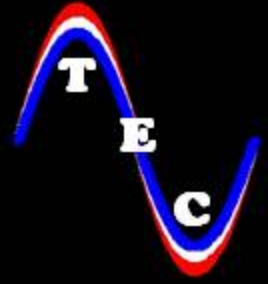


Tier Electronics

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Tri AIO Power Converter

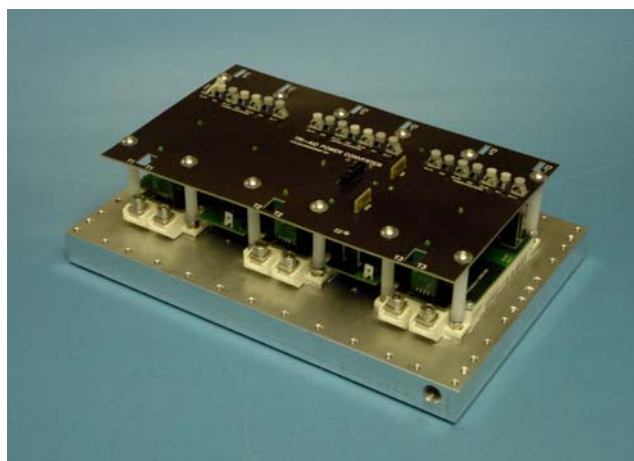
Tier Electronics introduces a power converter that is specifically designed for power quality applications. Unlike most power converters that are a simple bi-level design, this unique tri-level design offers superior performance and ruggedness for high frequency applications.

Features:

- Tri-Level Design
- Power Range of 50 kW to 200 kW
- 200 VAC through 690 VAC Versions
- Specialized High Frequency Converter
- PWM Frequencies of up to 32 kHz
- 32 Bit 100 MHz DSP Main Controller
- Greatly Reduced Filter Components
- Low Common Mode Voltage
- High Voltage Margin for Improved Reliability
- Ideal for Demanding Power Quality Applications

Protection Features:

- Hardware Overcurrent
- Software Overcurrent
- Hardware Overvoltage
- Software Overvoltage
- Internal Logic and Support Power Supply Monitors
- IGBT Overtemperature Monitor
- De-Sat Protection
- IGBT Gate Status Feedback with Anti-Shoot-Through Circuitry
- Loss of Communications (Optional)
- Loss of Sync (Optional)



200 kW Tri AIO