

Emerson Network Power

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MTC600 Series

Emerson Network Power's MTC600 series power modules provide a self-contained power solution for MicroTCA systems. The modules can support shelves, cubes and other system implementations, and are fully compliant with the PICMG MicroTCA.0 Revision 1.0 specification.

MTC600 power modules implement all the incoming power conversion, power management and power protection functionality necessary for a complete MicroTCA system comprising up to 12 AdvancedMCs, 2 MicroTCA Carrier Hubs and 2 Cooling Units. There are two versions available: an ac-input version, which accommodates 90 to 264 Vac and is suitable for use with single-phase supplies virtually anywhere in the world; and a -39.5 to -72 Vdc input version, which accommodates both -48 V and -60 V battery plants.



FEATURES

- Complete power supply, power management and power protection solution for MicroTCA systems
- Compact, high power-density, single-width module: dc-input module is 9 HP high, ac-input module is 12 HP high
- 600 watts output power
- 16 output channels, each capable of delivering 12 V @ 7.6 A payload power & 3.3 V @ 150 mA management power
- Provides sufficient power for 12 AMCs, 2 MCHs & 2 CUs
- Supports 1+1 input redundancy, N+1 output redundancy and hot-swap operation

