

Kundenspezifische DC/DC Wandlersysteme

Modulare DC/DC Wandler Kassetten hoher Leistung

D2000 - 2HE DC/DC - Wandler Kassette für Rack Einbau und Montage

The fully isolated Powerstax D2000 series realises a single high power unit solution for bulk DC requirements in a 2U high 19" rack (S6000)

Utilising up to 4 of the market leading Powerstax F501series DC-DC converters in each power cartridge, the D2000 provides one of the most cost-effective and flexible solutions to integrate power systems.

Available with 2 standard input ranges (others upon request) and a wide variety of output voltages, that D2000 has the added ability to supply STEP-UP conversion from 24VDC or 28VDC input to 48VDC output.

Each power cartridge provides up to 2,000W and when 3 units are mounted in the S6000 - a 2U 19" rack - they offer a high density 6,000W per rack or 4,000W of N +1 redundancy

Ideal for applications where maximum flexibility for a scalable and cost-effective bulk DC power solution with precisely regulated DC output is required.



S6000 Bulk DC-DC system showing 2 x D2000 power cartridges + Blanking plate



2U high D2000 DC-DC power cartridge >2000W

Features:

- Very flexible and scalable modular system
- Wide Range of DC Input Voltages
- 2U 19-inch Rack Mounting
- 200W to 2,000W Module Output Power
- Up to 6,000W Total Power, Non Redundant
- Integral ORing Diodes
- Range of DC output voltages 24VDC, 28VDC or 48VDC (other voltages upon request)
- Input ranges include 24VDC and 48VDC
- Rare STEP-UP conversion from 24Vi to 48Vo
- ±10% Output Adjustment Range.
- Hot Plug Capability
- Active Load Sharing
- Temperature monitor indication
- Remote Sensing
- Overvoltage Protection
- Group Output Voltage Adjustment
- Cost Effective Custom Designs
- Class B EMI filter
- Class A EMI per shelf
- Two Year Warranty

Applications Include:

- Telecoms
- Mobile Communications
- Industrial applications
- Automotive