

New!

Modular DC Converter System



Convert 48 to 24 or 24 to 48 volts with this compact, high power density (1RU) DC converter system. Wide range input maintains well regulated (isolated) output even when source voltage goes low. Multiple power bays accept 1500 watt converter modules allowing system scalability, load sharing and N+1 redundancy for high reliability. Built-in remote monitoring by Form C alarm contacts alerts operators to major and minor fault conditions.

Features

- High power density 1RU shelf, saves valuable rack space
- Scalable to 7500 watts output by insertion of multiple 1500 watt DC converter modules, up to 5 per shelf
- N+1 redundancy back-up, converters always on-line in event of failure, providing seamless back up power
- Wide input range accepts variation of input voltage while producing steady output essential for proper equipment operation
- Wide temperature range -40 to 75° C assures performance in remote sites and outdoor cabinets
- High efficiency: 95% conserves energy and minimizes heat generation, reducing ambient cooling requirements
- Remote monitoring provides major and minor failure conditions notifications
- Diagnostic LEDs on each converter provides on-site trouble shooting diagnostics



1500 Watt Converter Module
48V to 24V
or
24V to 48V

Specifications

Shelf	Input Voltage	Output Voltage	Amperage	Size	Weight
DRS-248-7500	21.5 - 58.0V DC	24 or 48V DC	290 @ 24V; 145 @ 48V	19", 1 RU	10.6 Lbs.

DC Converter Module	Input Voltage	Output Voltage	Output Amps Cont.	Watts
24-48-DHS	21.5 - 29.0V	54.4 VDC	27A	1500
48-24-DHS	43.0 - 58.0V	27.0 VDC	55A	1500

General Specifications

Ground Reference: Positive/Negative/Floating

Efficiency: 95%

Connections: Dual stud for two hole lugs

Alarm Module: 2 Form C relays, single pole, double throw,
0.5 amps at 60V DC

Operating Temperature: -40° to 75° C

Protection: Internal fuse

Safety: UL 60950, Nebs GR-1089

Shelf Dimensions: 19" W x 1.72" H x 15" D

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