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Data Sheet

August 1, 2026

DELTA

Delta FR 48V-2000W-E PART#D015128 POWE SUPPLY As Is for Parts

Delta FR 48V-2000W-E Rectifier Module, Part D015128 The Delta FR 48 V - 2000 W - E (part number D015128) is a single-phase, hot-pluggable, fan-cooled telecom rectifier module providing constant 2000 W output power over the adjustable 48 V class output range. It is designed for medium to large modular DC power systems in telecom, wireless, and datacom plants. Key attributes include wide AC input range, near-unity power factor, high power density (about 500 W/l), load sharing, and current limiting. User listing "As Is for Parts" is inventory condition, not an OEM option—document the OEM rectifier identity and ratings; do not assume functional verification. The Delta FR 48 V - 2000 W - E (part number D015128) is a single-phase, hot-pluggable, fan-cooled telecom rectifier module providing constant 2000 W output power over the adjustable 48 V class output range. It is designed for medium to large modular DC power systems in telecom, wireless, and datacom plants. Key attributes include wide AC input range, near-unity power factor, high power density (about 500 W/l), load sharing, and current limiting. User listing "As Is for Parts" is inventory condition, not an OEM option—document the OEM rectifier identity and ratings; do not assume functional verification. 48 V DC plant rectification in modular telecom power shelves; hot-swap replacement modules in Delta FR 2000 systems; wireless and



MODEL

Delta D015128

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

D015128

LISTING

<https://aumictechlabs.com/products/d015128-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Delta FR 48V-2000W-E (Part# D015128) is a 2000W, 48V DC power supply unit engineered for telecom and industrial applications requiring high efficiency and reliability. This fan-cooled rectifier module delivers 41.7 ADC maximum output current with active Power Factor Correction and efficiency ratings between 92% and 96.2%. The unit operates across wide AC input ranges (85–300 VAC) and DC input ranges (80–300 VDC), making it suitable for diverse power distribution environments. Sold as-is for parts/repair, it may require servicing before operational deployment.

Technical Specifications
Output Power: 2000W DC Output Voltage: 48V nominal (adjustable to 72 VDC) Maximum DC Output Current: 41.7 ADC Input Voltage (AC): 85–300 VAC Input Voltage (DC): 80–300 VDC Efficiency: 92% to 96.2% Operating Temperature: Up to 70°C Relative Humidity: 95% maximum, non-condensing Dimensions: 109 × 41.5 × 327 mm Weight: 1.95 kg

Key Features Active Power Factor Correction (PFC) Hot-pluggable design Constant output power topology Overvoltage and overcurrent protection Variable-speed fan cooling High power density architecture AC and DC input terminals 5V/4A standby output

Certifications & Standards Meets EN 60950, UL 60950, and CAN/CSA-C22.2 safety requirements. Additional certifications include EN 55011 and EN 55032 for EMC compliance.

Typical Applications Designed for shelf power solutions in telecom, wireless, and datacom environments. Suitable for medium to large power systems requiring stable 48V DC output.

Features & description

From manufacturer datasheet

Features

- Constant output power 2000 W
- Hot-pluggable fan-cooled module
- Wide AC input approximately 88-276 V (reduced power below about 184 V)
- Power factor approximately 1.0 (sinusoidal input current)
- Output voltage adjust about 42-58 V; nominal about 53.5 V
- Current limit nominal about 46.5 A (adjustable 0-46.5 A)
- Load sharing typically within +/-3 A
- Efficiency typically >=92% class
- Conducted EMI EN 55022 Class A class compliance (OEM)

D015128 Characteristics / Specifications

PARAMETER	VALUE
Model	FR 48V-2000W-E
Part Number	D015128
Manufacturer	Delta Electronics
Instrument Type	Hot-pluggable telecom rectifier module
AC Input Voltage	88 to 276 V (reduced power 88 to 184 V)
AC Input Current	maximum about 12 A
Output Voltage Nominal	53.5 V
Output Voltage Adjust	42 to 58 V
Voltage Error (static)	about +/-250 mV
Output Power Limit	2000 W fixed
Current Limit Nominal	46.5 A
Load Sharing	less than +/-3 A
Power Density	about 500 W/l (about 8.2 W/in ³)
Cooling	Internal fan with airflow monitoring
Typical Size / Weight (dealer class)	about 65 × 446 × 200 mm; about 4.1 kg
Backplane	single back plane example P/N D0100298 Standard Operating Conditions Install only incompatible Delta FR shelf/backplane with correct airflow. Observe AC and DC polarity and connector seating for hot-plug. Do not exceed 2000 W continuous. Confirm unit is for parts vs functional before applying full load.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications

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Standard Operating Conditions

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Operational Notes

Omit "As Is for Parts" and "POWE SUPPLY" typos from OEM identity-model is FR 48V-2000W-E, P/N D015128. Verify faceplate revision and connector type against the shelf.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.