

MPR1348FP (1350W, 48V_{out})

Applications

- Telecommunications equipment
- Wireless access points
- Security surveillance

Features

- Size 375.41 mm x 86.36 mm x 40.6 mm (14.78 in x 3.4 in x 1.6 in)
- Universal AC Input Range (90 – 264VAC)
- Output voltage of 48V (± 50mv tolerance)
- Maximum output current of 28.1A@ 48V_{out} (1350W)
- 92% Efficiency at 220VAC Full Load
- Supports Forced air cooling with external blower
- Full load: 0°C to 50°C
- AC Input Connection: Tabs
- DC Output connection: Studs
- Remote ON/OFF, Ishare Current Sharing
- Output over voltage protection
- Over Temperature protection
- 20ms of holdup time
- Hi-Pot Isolation: Input to Chassis: 2.6KV
- AC Leakage Current < 3.5ma at 264Vac
- Radiated and Conducted EMI - meets CISPR22 (EN55022) Class A requirements
- Compliant to RoHS EU Directive 2002/95/EC
- UL approved to UL/CSA60950-1, TUV (EN60950-1), CE Mark available
- ISO** 9001 and ISO 14001 certified manufacturing facilities

* UL is a registered trademark of Underwriters Laboratories, Inc.

† CSA is a registered trademark of Canadian Standards Association.

‡ VDE is a trademark of Verband Deutscher Elektrotechniker e.V.

** ISO is a registered trademark of the International Organization of Standards

Description

MPR1348FP is a 48Vdc single-output AC-DC front end power supply that delivers greater than 90 percent power efficiency at full load output of 1350 at 50°C. Higher temperature operation is possible at derated output. MPR1348FP supports forced air cooling with an external blower for effective cooling of the power supply. The design is catered to Telecom 48V applications that require robust operation with good isolation, EMI/ESD immunity with various protection features (over voltage protection and over temperature protection) and safety approvals.



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Additional Information

Please contact your GE Critical Power Sales Representative for pricing, availability and optional features.

Table 1. Device Codes

Device Code	Input Voltage Range	Output Voltage	Output Current	Air flow direction	Temperature Range
MPR1348FPXXXZ01A	90 – 264Vac	48.0Vdc	28.1A	From Fan to Terminal	0C to 50C

Contact Us

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