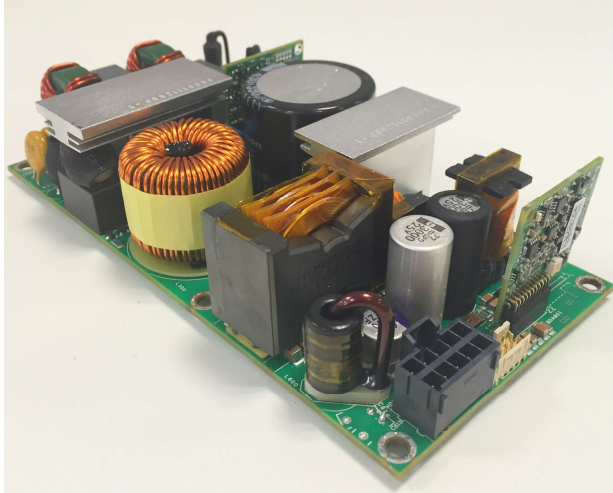


CLP0512 Open Frame Power Supply

90 - 265Vac input; 12Vdc output; 550W Output Power, 5V Standby 5V@1A



Applications

- Industrial equipment
- Telecommunications equipment

Features

- Compact size 76.2 mm x 152.4 mm x 35 mm (3 in x 6 in x 1.38 in) with density of 21.8 W/in³
- Universal AC Input Range (90 - 265VAC)
- Output voltage of 12V (adjustable $\pm 5\%$)
- Standby output of 5V @ 1A
- Maximum output current of 45.8A@ 12Vout (550W)
- High efficiency (>90% at Full Load, 230VAC in)
- Full load capability at 50°C and 1m/s airflow with derating at higher temperatures or lower airflows
- Capable of 420W Min out in sealed enclosure applications with enclosure ambient at 55°C
- Output overcurrent protection (non-latching)
- Overtemperature protection
- Output overvoltage protection
- Minimum of 11ms of holdup time at 550W out
- Parallelable with output current sharing
- Active power factor corrected input
- Conducted EMI - meets CISPR22 (EN55022) and FCC Class B requirements
- Meets IEC61000-4-5, Level 4 (2kV/4kV) and ANSI C62.41 (6kV)
- Compliant to RoHS EU Directive 2002/95/EC
- UL and cUL approved to UL/CSA60950-1, TUV (EN60950-1), CE Mark (for LVD) and CB Report available
- ISO** 9001 and ISO 14001 certified manufacturing facilities
- **AC OK signal**
- **Dual Input Fusing Option - Line & Return**

Description

In a small 3 x 6-inch footprint, the 12Vdc single-output CLP0512 open frame power supply delivers greater than 90 percent typical power efficiency and full load output at 50°C and 1m/s airflow. Protection features include output overcurrent (OCP), overvoltage (OVP), and overtemperature (OTP).

* 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

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	Rated Output Power	Temperature Range
CLP0512FPXXXZ01A	90 – 265Vac	12Vdc	550W	-40C to 85C

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