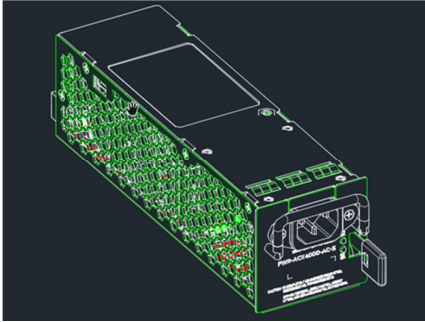


SLP0312FP (384W, 12V_{out}, 54V_{out}) Fanless Dual Output PoE Power Supply



Applications

- VoIP
- Telecommunications equipment
- Network routers and switches

Features

- Size 208.78 mm x 64.77 mm x 62.48 mm (8.22 in L x 2.55 in W x 2.46 in H)
- Universal AC Input Range (90 – 264VAC)
- Dual Output : 12V and 54V
- Maximum output current of 17A@ 12V_{out} (204W)
- Maximum output current of 3.33A@ 54V_{out} (180W)
- AC Input : IEC C14
- DC output : FCI Connector 51730-199LF
- **Fanless power supply** with side grilles
- 88% Efficiency at 230VAC Full Load
- Hot Swap with Internal ORing FETs
- Single wire active current sharing for 12V_{out}
- **Supports Power-Over-Ethernet**
- **Temperature range: -40C to 85C**
- Short circuit protection
- Output over voltage protection
- Input under voltage protection
- Over Temperature protection
- 15ms @ 12V (10ms @ 54V) of holdup time
- I2C Communication for monitoring parameters
- Radiated and Conducted EMI - meets CISPR22 (EN55022) **Class A** requirements
- ESD Immunity: **15Kv Air Discharge, 8KV contact**
- Compliant to RoHS EU Directive 2002/95/EC
- UL and cUL approved to UL/CSA60950-1, TUV (EN60950-1), CE Mark and CB Report available
- ISO** 9001 and ISO 14001 certified manufacturing facilities

Description

SLP0312FP is a dual-output (12V and 54V) AC-DC front end power supply that delivers 384W at full load. The 54V output supports Power-Over-Ethernet. SLP0312 is hot pluggable and provides active current share for the 12V output. It uses system fan cooling with air flow from side to side. The design is catered to telecom and datacom applications that require robust operation with better EMI/ESD immunity, various protection features (over voltage protection, over current protection, over temperature protection and input under voltage protection) and safety approvals. SLP0312 uses IEC C14 for AC input and a 16pin FCI connector for the output that has the required isolation and return for 12V and 54V outputs.

* 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	Output Current	Output Connection	Temperature Range
SLP0312FPXXXZ01A	90 – 264Vac	12V/54V	17A/3.3A	Connector	-40C to 85C

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