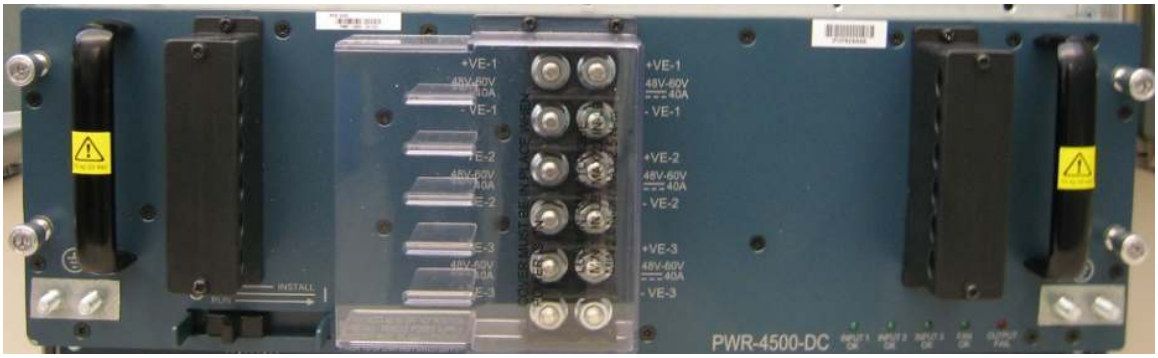
Cisco 7600 Series 4500W DC Power Supply

Product Overview

Cisco is now offering a new variable-output power supply, scalable from 1500 watts (W) to 4500W, for the Cisco® 7606-S Router specifically designed for DC environments (Figure 1).

Figure 1. Cisco 7600 Series 4500W DC Power Supply



Features and Benefits

- Variable output design configurable for 4500W, 3000W, or 1500W output corresponding to three, two, or one input active
- Equally sized, multiple inputs, which allow lower fusing requirements and maintain consistent wire gauge among 4500W, 3000W, and 1500W output configurations
- Industry-standard dual post terminals
- Terminal design that facilitates cable entry from left or right side
- Pawl type sliding power switch
- Compatible with Cisco 7606-S chassis
- Network Equipment Building Standards (NEBS) Level 3 compliant power supply

Technical Specifications

Table 1 gives the technical specifications for the Cisco 7600 Series 4500W DC Power Supply.

Table 1. Technical Specifications for Cisco 7600 Series 4500W DC Power Supply

Feature	Specification
Power supply output capacity	4500W with three inputs active 3000W with two inputs active 1500W with one input active
Maximum system power dissipation	18,100 Btus per hour at max. 4500W load 12,100 Btus per hour at max. 3000W load 6100 Btus per hour at max. 1500W load

Feature	Specification
Power supply output	1500W max. continuous operation (one DC input) • 15.0A at 1.5 VDC • 5.0A at 3.3 VDC • 30.0A at 50 VDC 3000W max. continuous operation (two DC inputs) • 15.0A at 1.5 VDC • 5.0A at 3.3 VDC • 60.0A at 50 VDC 4500W max. continuous operation (three DC inputs) • 25.0A at 3.3 VDC • 12.0A at 12 VDC • 90.0A at 42 VDC
DC input voltage	–48 VDC nominal at 37A in North America (operating range: –40.5 VDC to –56 VDC) –60 VDC nominal at 30A for international (operating range: –55 VDC to –72 VDC)
DC input current	40A per each DC input at –48VDC input voltage (total three inputs)
DC input terminal block	Accepts 2-hole copper compression type conductors (Actual size of the wire needed is determined by qualified local electrician in accordance with national or local electric codes.)
Output holdup time	8 ms
Terminal and ground studs	1/4 in. x 20
Hex nut integrated washer	1/4 in.-20 UNC P Lock
Minimum/maximum torque	Min. 15 IN-LB/max. 20 IN-LB
Lugs required	Industry-standard 2-hole compression lug – holes on 5/8-in. centers
Chassis compatibility	Cisco 7606-S Router
Minimum software support	Cisco IOS® Software Release 12.2SRE
Regulatory compliance	CE marking CCC marking CSA NRTL marking CSA marking PSE marking PSB marking Safety • UL 60950-1 • IEC 60950-1 • EN 60950 • CAN/CSA-C22.2 No. 60950-1 • AS/NZS 3260/TS001 • NOM-019-SCFI • GB 4943-95 EMC • FCC Part 15 (CFR 47) Class A • ICES-003 Class A • EN55022 Class A • CISPR22 Class A • Japan, Taiwan, and Korea Class A • AS/NZS 3548 Class A • VCCI Class A • EN55024 • ETS300 386 • EN50082-1 • EN61000-3-2 • EN61000-3-3 • EN61000-6-1 Industry Standards • GR-63-Core NEBS Level 3 • GR-1089-Core NEBS Level 3 • ETSI 300 019 Storage Class 1.1 • ETSI 300 019 Transportation Class 2.3 • ETSI 300 019 Stationary Use Class 3.1
Weight	10 kg – 22 lbs

Service and Support

Cisco offers numerous service and support programs for both service provider and enterprise customers. Cisco has earned the highest customer satisfaction ratings in the industry by providing the world-class service and support necessary to deploy, operate, and optimize networks. Whether the goal is speed to market, maximizing network availability, or enhancing customer satisfaction and retention, Cisco is committed to the success of its customers.

For More Information

For more information about Cisco service and support programs and benefits, visit: http://www.cisco.com/en/US/support/index.html.

For more information about Cisco 7600 Series Routers, contact your Cisco account representative or visit: http://www.cisco.com/go/7600.

For ordering information, visit: http://www.cisco.com/public/ordering_info.shtml.

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