

CISCO CATALYST 4500 SERIES DUAL INPUT 4200 WATT AC POWER SUPPLY

High Capacity PoE 4200 WAC Power Supply

Cisco Systems® is introducing a new, dual-input, 4200 WAC power supply designed for large scale power over Ethernet deployments. The new data and voice power supply provides two inputs for increased flexibility. Inputs can accept 110V or 220V circuits depending on total power required. Dual low-current inputs eliminate the need to rewire closets with large capacity circuits.

The new 4200 WAC power supply is available May 27, 2005 (Figure 1).

Figure 1. 4200 WAC Power Supply



PRODUCT OVERVIEW FOR 4200 WAC POWER SUPPLY

The dual-input 4200 WAC power supply is designed for large scale PoE deployments. By providing multiple inputs, the AC power supply allows network administrators to select one of four power modes to meet their needs. Many PoE deployments require only a fraction of the 4200W available in this supply. 12 Amp inputs mean administrators can connect the supply to standard wall outlets. The 4200W power supply can power a Catalyst 4506 chassis with copper line cards on a single 110V connection. Likewise, it is possible to deploy a fully populated Cisco Catalyst 4510R with two 110V or a single 220V circuit (Table 1). Please note, installation on an 110V circuit in North America requires the use of a special cord.

Table 1. 4200W Power Supply Modes

Mode	Input 1	Input 2	Max PoE Watts	Max Data Watts	Max Total Watts
1	110V	OFF	922W	660W	1050W
2	110V	110V	1850W	1400W	2100W
3	220V	OFF	1850W	1400W	2100W
4	220V	220V	3700W	1400W	4200W

PRODUCT NUMBERS AND PRICING

Table 2. Ordering Information for Cisco Catalyst 4500 Series 4200 WAC Power Supply

Model Number	Product Description
PWR-C45-4200ACV	Cisco Catalyst 4500 Series 4200 WACV Dual Input power supply
CAB-US515P-C19-US	NEMA 5-15 to IEC-C19 9.8ft US
CAB-L620P-C19-US	NEMA L6-20 to IEC-C19 6ft US
CAB-US620P-C19-US	NEMA 6-20 to IEC-C19 13.2ft US
CAB-CEE77-C19-EU	CEE 7/7 to IEC-C19 6ft Europe
CAB-I309-C19-INT	IEC-309 to IEC-C19 6ft International
CAB-A3112-C19-AUS	AS-3112 to IEC-C19 6ft Aus
CAB-C2316-C19-IT	CEI 23-16 to IEC-C19 6ft Italy
CAB-BS1363-C19-UK	BS-1363 to IEC-C19 6ft UK
CAB-SI32-C19-ISRL	SI32 to IEC-C19 6ft Israeli
CAB-C19-C20	IEC-C20 to IEC-C19 UPS 220V

Table 3. Software Requirements

Product	Software Type	Minimum Software Required
Cisco Catalyst 4500 Series 4200W Dual Input Power Supply	Cisco IOS Software	Cisco IOS Software Release 12.2(25)EWA or later

Table 4. FCS Schedule and Lead Times

Product Number	Ordering Opened	Target FCS	Volume Shipments
PWR-C45-4200ACV	May 27, 2005	May 30, 2005	June 30, 2005

ONLINE DOCUMENTATION

Cisco Catalyst 4500 Series 4200W AC Power Supply product information, including data sheets and architecture documents are available at:

- **Cisco Catalyst 4500 Series Power Supply data sheet:**
http://www.cisco.com/en/US/prod/collateral/switches/ps5718/ps4324/product_data_sheet09186a00801f3dd9.html
- **Cisco Catalyst 4500 Series data sheet:**
http://www.cisco.com/en/US/prod/collateral/switches/ps5718/ps4324/product_data_sheet0900aecd801792b1.html

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