

Cisco 8700 Watt Enhanced AC Power Supply for Cisco Catalyst 6500 Series Switches

PB383555

Cisco® is announcing the 8700 Watt (W) enhanced AC power supply (Figure 1) for Cisco Catalyst® 6500 Series Switches, with remote power restart and shutdown capability. A Cisco Catalyst 6500 Series Switch configured with the 8700W enhanced AC power supply will support up to 420 IEEE 802.3af Class 3 (15.4W) Power over Ethernet (PoE) devices with full redundancy in a single chassis, providing superior PoE scalability.

Figure 1. Cisco 8700W Enhanced AC Power Supply for Cisco Catalyst 6500 Series Switches



The 8700W enhanced AC power supply provides the ability to remotely power cycle or shut down a Cisco Catalyst 6500 Series Switch for maintenance using Normally Open (NO) or Normally Closed (NC) built-in external relay contacts in the front-panel terminal block interface. The power supply relay contacts can be controlled through any appropriate third-party relay controller.

Features

The 8700W enhanced AC power supply features include:

- **PoE scalability:** Supports up to 420 IEEE 802.3af Class 3 (15.4W) PoE devices in a single chassis with full redundancy, thus reducing total cost of ownership for high-density PoE deployments in the campus access layer.

- Remote power restart using external relay controller: Remotely power cycle or shut down the Cisco Catalyst 6500 Series Switch using any appropriate third-party relay controller without needing access to the supervisor engine CLI, thereby reducing maintenance costs and improving MTTR.
- Remote power restart via Cisco IOS® Software CLI: Remotely power cycle the Cisco Catalyst 6500 Series Switch via Cisco IOS Software CLI, thereby reducing maintenance costs and improving MTTR.
- Multiple (triple) input: Scales the system power depending on the need (scale as you grow), with fully isolated inputs. providing flexibility.
- Universal input (110-220VAC, 50-60Hz): Flexibility to provision circuits with either high-input voltage (200-240V) or low-input voltage (100-120V) depending on availability and power output needs.
- Compatible with 6-, 9-, and 13-slot chassis: Ability to install the 8700W enhanced AC power supply into existing Cisco Catalyst 6500 Series Switch chassis provides investment protection.

Upgrade Paths

The 8700W enhanced AC power supply is the highest capacity power supply for Cisco Catalyst 6500 Series Switches, providing superior PoE scalability. If upgrading from a lower capacity power supply, the 8700W enhanced AC power supply allows for hitless upgrade. The 8700W enhanced AC power supply can be hot-swapped while the system is operational and can interoperate with any lower capacity AC or DC power supply in the system.

Availability

The 8700W enhanced AC power supply for Cisco Catalyst 6500 Series Switches will be available and orderable in January 2007.

Ordering Information

Table 1 lists the ordering information for the 8700W enhanced AC power supply.

To place an order, visit the [Cisco Ordering Homepage](#).

Table 1. Ordering Information

Product Name	Part Number
Cisco Catalyst 6500 Series 8700W enhanced AC power supply	WS-CAC-8700W-E
Power Cord, 250VAC, 16A, Australia C19	CAB-AC-16A-AUS
16A AC Power Cord For China	CAB-AC16A-CH
Power Cord, 250 VAC, 16A, Europe	CAB-AC-2500W-EU
Power Cord, 250 VAC, 16A, International	CAB-AC-2500W-INT
Power Cord, 250 VAC, 16A, Israel	CAB-AC-2500W-ISRL
Power Cord, 250 VAC, 16A, twist lock NEMA L6-20 plug, United States	CAB-AC-C6K-TWLK
Power Cord, 250 VAC, 16A, straight blade NEMA 6-20 plug, United States	CAB-AC-2500W-US1
AC Power Cord, North America (110V)	CAB-7513AC
Cabinet Jumper Power Cord, 250 VAC 16A, C20-C19 Connectors	CAB-C19-CBN
AC Power Cord (Swiss) 16A	CAB-ACS-16

For More Information

For more information about the Cisco 8700W enhanced AC power supply, visit the 8700W enhanced AC power supply datasheet

http://www.cisco.com/en/US/prod/collateral/modules/ps7189/ps7195/product_data_sheet0900aecd8059a1ef.html or contact your local account representative.



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