# 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.

Printed in USA

C25-383555-00   01/07