

# WS-C3750V2-48PS-E Datasheet



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## Overview

### WS-C3750V2-48PS-E

Cisco Catalyst 3750V2 Series Switch

48 Ethernet 10/100 ports with PoE and 4 SFP Gigabit Ethernet ports;

1RU Lower power consumption than its predecessors

Backward compatible with Cisco Catalyst 3750 and 3750-E Series Switches

Open Shortest path First (OSPF) routing with IP Base feature set

Compatible with Cisco Redundant Power System (RPS) 2300

Uniform depth of 11.9 inches on all units for better cable management

IPv6 routing included in the IP Services feature set

EnergyWise support to monitor energy consumption of network infrastructure and implement energy saving programs to reduce energy costs

Cisco Catalyst 3750V2-48PS Layer 3 Switch is next-generation energy-efficient Layer 3 Fast Ethernet stackable switch. This new switch supports Cisco EnergyWise technology, which enables companies to measure and manage power consumption of network infrastructure and network-attached devices, thereby reducing their energy costs and their carbon footprints. The Cisco Catalyst 3750V2-48PS consumes less power than its predecessors and is the ideal access layer for enterprise, retail, and branch-office environments, as it increases productivity and investment protection by enabling a unified network for data, voice, and video.

## Specification

WS-C3750V2-48PS-E data sheet	
<b>Manufacturer</b>	Cisco Systems, Inc
<b>Manufacturer Part Number</b>	WS-C3750V2-48PS-E
<b>Product Type</b>	Switch - 48 ports - L3 - Managed
<b>Form Factor</b>	Fixed, Rack Mountable 1U, Stackable/Clustering
<b>Switch Port density - Uplinks</b>	48 x 10/100 + 4 x SFP
<b>Power Over Ethernet (PoE)</b>	Yes
<b>MAC Address Table Size</b>	12K entries
<b>Routing Protocol</b>	OSPF, IGRP, BGP-4, RIP-1, RIP-2, EIGRP, DVMRP, PIM-SM, static IP routing, PIM-DM
<b>Remote Management Protocol</b>	SNMP 1, RMON 1, RMON 2, RMON 3, RMON 9, Telnet, SNMP 3, SNMP 2c
<b>Authentication Method</b>	Kerberos, RADIUS, TACACS+, Secure Shell v.2 (SSH2)
<b>Features</b>	Layer 3 switching, DHCP support, VLAN support, auto-uplink (auto MDI/MDI-X), IGMP snooping, traffic shaping, MAC address filtering, IPv6 support, DHCP snooping, Dynamic Trunking Protocol (DTP) support, Trivial File Transfer Protocol (TFTP) support, Access Control List (ACL) support, Quality of Service (QoS), Dynamic ARP Inspection (DAI)

<b>Compliant Standards</b>	IEEE 802.3, IEEE 802.3u, IEEE 802.3z, IEEE 802.1D, IEEE 802.1Q, IEEE 802.1Q, IEEE 802.3ab, IEEE 802.1p, IEEE 802.3af, IEEE 802.3x, IEEE 802.3ad (LACP), IEEE 802.1w, IEEE 802.1x, IEEE 802.1s
<b>Flash Memory</b>	32 MB Flash
<b>LED Status Lights Indicators</b>	Port status, link activity, link OK
<b>Connectivity / Expansion Slots</b>	
<b>Interfaces</b>	48 x 10Base-T/100Base-TX - RJ-45 - PoE 1 x console - RJ-45 - management 4 x SFP (mini-GBIC)
<b>Power Supply Specifications</b>	
<b>Power Device</b>	Power supply - internal
<b>Voltage Required</b>	AC 120/230 V ( 50/60 Hz )
<b>Power Consumption Operational</b>	71 Watt
<b>Features</b>	Redundant Power System (RPS) connector
<b>Dimensions / Weight / Miscellaneous</b>	
<b>Width</b>	44.3 cm
<b>Depth</b>	29.5 cm
<b>Height</b>	4.4 cm
<b>Weight</b>	5 kg
<b>Compliant Standards</b>	CE, GOST, CISPR 24, NOM, EN55024, EN55022 Class A, CISPR 22, EMC, UL 60950-1, IEC 60950-1, EN 60950-1, FCC Part 15 A
<b>System Software</b>	
<b>Software Included</b>	Cisco IOS IP Services
<b>Manufacturer Warranty</b>	
<b>Service &amp; Support</b>	Limited lifetime warranty
<b>Service &amp; Support Details</b>	Limited warranty - lifetime

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### Transition Guide

 [Guide to Upgrade Cisco Access and Backbone Switch](#)

 [Selecting Cisco Switches-Campus, Branch, Digital Building](#)

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