**Table 470: EMI/EMC Standards (continued)**

| | |
|---|---|
| International EMC certifications | CISPR 22: 2008 (Ed 6.0), Class A (International Emissions)<br>EN 55024:1998+A1:2001+A2:2003 Class A (International Immunity)<br>IEC/EN 61000-4-2:2008 Electrostatic Discharge, 8kV Contact, 15 kV Air,<br>Criteria A<br>IEC/EN 61000-4-3:2008 Radiated Immunity 10V/m, Criteria<br>IEC/EN 61000-4-4:2004 Transient Burst, 1 kV, Criteria A<br>IEC/EN 61000-4-5:2005 Surge, 2 kV L-L, 2 kV L-G, Level 3, Criteria A<br>IEC/EN 61000-4-6:2008 Conducted Immunity, 0.15-80 MHz,<br>10V/m unmod. RMS, Criteria A<br>IEC/EN 61000-4-11:2004 Power Dips & Interruptions, >30%,<br>25 periods, Criteria C |
| Country-specific | VCCI Class A (Japan Emissions)<br>BSMI (Taiwan Emissions)<br>ACMA (C-Tick) (Australia Emissions)<br>CCC Mark (China)<br>KCC Mark, EMC Approval (Korea) |

**Table 471: Telecom Standards**

| |
|---|
| EN/ETSI 300 386:2008 (EMC Telecommunications)<br>EN/ETSI 300 019 (Environmental for Telecommunications)<br>MEF9 and MEF14 certified for EPL, EVPL, and ELAN |

**Table 472: IEEE 802.3 Media Access Standards**

| |
|---|
| IEEE 802.3ab 1000BASE-T<br>IEEE 802.3z 1000BASE-X<br>IEEE 802.3ae 10GBASE-X<br>IEEE 802.3ba 40GBASE-X |

**Table 473: Environmental Data**

| | |
|---|---|
| Environmental standards | EN/ETSI 300 019-2-1 v2.1.2 (2000 - 2009) - Class 1.2 Storage<br>EN/ETSI 300 019-2-2 v2.1.2 (1999 - 09) - Class 2.3 Transportation<br>EN/ETSI 300 019-2-3 v2.1.2 (2003 - 04) - Class 3.1e Operational<br>EN/ETSI 300 753 (1997-10) - Acoustic Noise<br>ASTM D3580 Random Vibration Unpackaged 1.5G |
| Operating conditions | Temperature range: 0°C to 45°C (32°F to 113°F)<br>Humidity: 10% to 95% relative humidity, non-condensing<br>Altitude: 0 to 3,000 meters (9,850 feet)<br>Operational shock (half sine): 30 $m/s^2$ (3 G), 11 ms, 60 shocks<br>Operational random vibration: 3 to 500 Hz at 1.5 G rms |

**Table 473: Environmental Data (continued)**

| | |
|---|---|
| Storage & transportation conditions (packaged) | Transportation temperature: -40°C to 70°C (-40°F to 158°F)<br>Storage and transportation humidity: 10% to 95% relative humidity, non-condensing<br>Packaged shock (half sine): 180 $m/s^2$ (18 G), 6 ms, 600 shocks<br>Packaged sine vibration: 5 to 62 Hz at velocity 5 mm/s,<br>62 to 500 Hz at 0.2 G<br>Packaged random vibration: 5 to 20 Hz at 1.0 ASD w/–3 dB/oct. from 20 to 200 Hz<br>14 drops minimum on sides and corners at 42 inches (<15 kg box) |
| Acoustic noise | Summit X770-32q: 56.6 dB(A) min |

# STK-RPS-150PS and RPS Shelves Technical Specifications

The Extreme Networks STK-RPS-150PS is a 150 watt DC power redundant power supply for use with an Extreme Networks stackable or standalone fixed switch model that does not support PoE.



Caution
The STK-RPS-150PS does not support pliant fixed switch models. Do not connect the power cable from an STK-RPS-150PS to a PoE-compliant fixed switch. Otherwise, damage to the switch may result.

The STK-RPS-150PS can be installed as a standalone unit or with the following rack-mounted shelves:

- STK-RPS-150CH2, a two-slot shelf
- STK-RPS-150CH8, an eight-slot shelf

## STK-RPS-150PS Specifications

**Table 474: Physical Specifications**

| | |
|---|---|
| Dimensions | 7.7 H x 2.04 W x 10.1 D (in.)<br>19.6 H x 5.2 W x 25.7 D (cm) |
| Unpackaged Weight | 3.85 lb (1.75 kg) |

**Table 475: Power Specifications**

| | |
|---|---|
| AC input frequency range | 50 to 60 Hz |
| AC input voltage range | 100-240 VAC |

**Table 475: Power Specifications (continued)**

| | |
|---|---|
| Output Voltage | 12VDC |
| Output Current | 1.0 A min., 8.5 A or 13.0 A max. |

**Table 476: Environmental Specifications**

| | |
|---|---|
| Operating temperature | 0°C to 50°C (32°F to 122°F) |
| Storage temperature | -40°C to 70°C (32°F to 122°F) |
| Operating humidity | 5% to 95% (non-condensing) |

## STK-RPS-150CH2 Specifications

**Table 477: Physical Specifications**

| | |
|---|---|
| Dimensions without mounting brackets | 5.5 H x 44.0 W x 18.0 D (cm)<br>2.2 H x 17.3 W x 7.0 D (in.) |
| Unpackaged Weight | 2.09 lb (0.95 kg) |

## STK-RPS-150CH8 Specifications

**Table 478: Physical Specifications**

| | |
|---|---|
| Dimensions without mounting brackets | 22.26 H x 44.0 W x 26.4 D (cm)<br>8.77 H x 17.3 W x 10.4 D (in.) |
| Unpackaged Weight | 11.6 lb (5.27 kg) |

## STK-RPS-150PS Connector Pin Locations

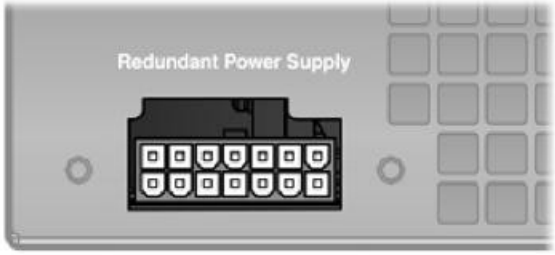



**Figure 452: STK-RPS-150PS Connector Pin Locations**

**Table 479: STK-RPS-150PS Connector Pin Functions**

| Pin | Function | Pin | Function |
|---|---|---|---|
| 1 | - 50 V return | 8 | Ground |
| 2 | - 50 VDC | 9 | No connection |

**Table 479: STK-RPS-150PS Connector Pin Functions (continued)**

| Pin | Function | Pin | Function |
|---|---|---|---|
| 3 | 12 VDC output | 10 | RPS present |
| 4 | 12 VDC output | 11 | Status 1 |
| 5 | 12 VDC output | 12 | Status 2 |
| 6 | 12 VDC output | 13 | Power good |
| 7 | Ground | 14 | Ground |

## Summit 300 W Power Supplies Technical Specifications

The following Summit 300 W power supplies are available for use:

- Summit 300 W AC power supply Front-to-Back airflow Model 10930A
- Summit 300 W AC power supply Back-to-Front airflow Model 10943
- Summit 300 W DC power supply Front-to-Back airflow Model 10933
- Summit 300 W DC power supply Back-to-Front airflow Model 10944

These power supplies are for use with the X460-G2 series switches (non-PoE models).

These power supplies are for use with the Summit X460-G2 series, Summit X460-24t, Summit X460-24x, Summit X460-48t, and Summit X460-48x switches.

### Summit 300 W AC Power Supply (Model 10930A and 10943)

**Table 480: Physical Specifications**

| | |
|---|---|
| Dimensions | Height: 1.57 inches (4.0 cm)<br>Width: 3.15 inches (8.0 cm)<br>Depth: 9.5 Inches (24.1 cm) |
| Weight | 2.25 lb (1 kg) |

**Table 481: Power Specifications**

| | |
|---|---|
| Voltage input range | 85 to 264 V~ |
| Nominal input ratings | 100 to 240 V~, 50 to 60 Hz, 5 A |
| Nominal input current at full loads | 4.2 A @ 90 V~ (low-line)<br>1.7 A @ 230 V~ (high-line) |
| Line frequency range | 47 to 63 Hz |
| Maximum inrush current | 30 A |
| Output | 12 V⎓, 25 A max, 300 Watts<br>3.3 V⎓, 3.03 A max, 10 Watts |
| Power supply input socket | IEC 320 C14 |