

## Cisco 30 Watt Set-Top Power Supply

The Cisco® 30 Watt set-top power supply powers select Cisco set-tops when connected to a standard AC wall outlet. The power supply operates over the range of 90 to 135 VAC and is designed specifically for the Cisco RNG100/100N, Explorer® 1540/1542, and Explorer 1540C/1542C Digital-Only Interactive Set-Tops along with the STA1520 Tuning Adapter.

This power supply may be ordered as an accessory in multiples of 50 units. This convenience provides service provider technicians with spare power supply parts that are readily available on their trucks. Having the parts available saves time and effort by reducing individual truck rolls from the office to deliver a new power supply. Use of this power supply does not void your Cisco set-top warranty.

The 30 W Power Supply meets both UL and CSA safety and regulatory standards.

**Figure 1.** 30 W Set-Top Power Supply



**Note:** Image may vary from actual product and specification.

### Features

- 90 to 135 VAC operating range
- Lightweight
- FCC Compliant\*
- RoHS Compliant

\* FCC compliant with the RNG100/100N, 1540/1542, and 1540C/1542C set-tops and the STA1520 tuning adapter.


## Product Specifications

**Table 1.** Product Specifications

Specification	Value
<b>Input Specifications</b>	
AC Input Voltage Range	90 to 135 VAC RMS
Input Frequency	57 to 63 Hz
AC Inrush Current	25 A (maximum)
Input Current	1.2 A
Efficiency	Four point average of greater than or equal to 80.6 percent
<b>Output Specifications</b>	
Nominal Output Voltage	+12 V
Output Voltage Tolerance	+/- 5 percent (11.4 to 12.6 V)
Minimum Load Current	0 A
Maximum load Current	2.5 A
Output Power Max Load	30 Watts
Peak Load Current	2.5 A
<b>Environmental Specifications</b>	
Operating Temperature	32° to 104° F (0° to 40°C)
Storage Temperature	-40° to 158° F (-40° to 70°C)
Cooling	Convection Cooled
Humidity	20 to 95 percent (non-condensing)
Vibration	5 to 55 Hz; 1.25 g, constant acceleration 2 minutes seep; 60 minutes each (3 axes)
Drop/Shock	30-inch drop test
Product Life	3 years
<b>Safety and Emissions</b>	
Certification	<ul style="list-style-type: none"><li>• Complies with California Energy Commission</li><li>• Complies with UL and CSA</li><li>• Meets FCC Class B radiated and conducted emissions, FCC-Part 15, Subpart B, Class B</li><li>• Meets ICES 003, CISPR 22, Class B</li></ul>
<b>Dimensions</b>	
Product (H x W x D)	1.6 in. x 2.4 in. x 5.5 in. (4 cm x 6 cm x 14 cm) maximum
Weight	12 oz. (.34 kg)

Ordering Information

Table 2.     Ordering Information

Description	Product Photo	Part Number
Cisco 30 W Set-Top Power Supply, Model PS001 (purchased in multiples of 50) Supports RNG100/100N, 1540/1542, 1540C/1542C set-tops and the STA1520 tuning adapter.	 <b>Note:</b> Image may vary from actual product and specification.	4019611



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