UniFi Network USP RPS

DATASHEET



UniFi® SmartPower Redundant Power System

UniFi SmartPower Cable

Model: USP-RPS, USP-Cable

Continual Monitoring of Six Attached Devices

Automatic Failover if PSU Failure Detected

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Overview

The UniFi SmartPower Redundant Power System, model USP-RPS, is a proprietary redundant power system designed to protect up to six UniFi SmartPower supported devices from sudden power supply module failure. The USP-RPS continually monitors all attached devices. In the event of an internal AC/DC power supply failure, failover is automatic so your network continues to operate with no interruption in service. With a 950W DC power budget, the USP-RPS can protect a variety of high-power devices, including UniFi PoE switches. An integrated 1.3" color touchscreen LCM displays system information for convenient monitoring.
Learn more about the USP-RPS and its use cases at:
ubnt.link/UniFi-USP-RPS-Setup-and-Features



USP-RPS	
Dimensions	442.40 x 325.60 x 43.70 mm (17.42 x 12.82 x 1.72")
Weight With Mount Brackets	5.500 kg (12.13 lb) 5.590 kg (12.32 lb)
Interfaces Networking Management Power Output	 (1) 10/100/1000 Mbps RJ45 Port Ethernet In-Band (6) RPS DC Ports
Max. Power Consumption	995W
Power Method	(1) Universal AC Input, 100 to 240VAC
Power Supply	Internal 350W AC/DC Internal 645W AC/DC
Supported Voltage Range	100 - 240VAC
Display	1.3" Color Touch Panel
LED System RJ45 USP RPS	 Status Link/Activity Activity
ESD/EMP Protection	Air: ± 16 kV, Contact: ± 12 kV
Operating Temperature	-5 to 45° C (23 to 113° F)
Operating Humidity	10 to 90% Noncondensing
Certifications	CE, FCC, IC

RPS	
Total Output Power	
52VDC	11.54A (600W)
11.5VDC	30.44A (350W)
Max. Output Power per RPS Port	
52VDC	11.54A (600W)
11.5VDC	30.44A (350W)

Power Buget*		
Model	52V	12V
UDM-Pro	0	50W
USW-Pro-24	0	30W
USW-Pro-24-PoE	400W	30W
USW-Pro-48-PoE	600W	50W

* Maximum power consumption per device model





Overview

One USP Cable is included with the UniFi SmartPower Redundant Power System. To attach additional devices, the USP-Cable is sold separately as an accessory.

USP-Cable	
Length	1.5 m (4.9 ft)
Conductor Type	Tinned Copper
Conductor Wire Gauge	(18) 16 AWG, (6) 24 AWG
Insulation Type	PVC
Insulation Thickness	0.35 mm (0.014")
Insulation Diameter	2.0 mm (0.079")
Jacket Material	PVC
Jacket Outside Diameter	9.5 × 23.0 mm (0.374 x 0.905")







Specifications are subject to change. Ubiquiti products are sold with a limited warranty described at: ui.com/support/warranty
The limited warranty requires the use of arbitration to resolve disputes on an individual basis, and, where applicable, specify arbitration instead of jury trials or class actions.
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