

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



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	

S P E C I F I C A T I O N S



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







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