



Avaya P330 BUPS

Back-Up Power Supply for the Avaya P330, P130 and P120

Time is a valuable resource in today's 24-hour corporate business environment.

In the round-the-clock world of deadlines, the competitive organization needs a guaranteed power supply for mission-critical networks.

Avaya recognizes and meets this need with the Back-Up Power Supply (BUPS) for the Avaya P330 and P130 stackable, and the Avaya P120 standalone switches.

The BUPS is an add-on power supply for use with up to four Avaya switches and operates together with the existing power supplies in each switch. Each BUPS has one AC or DC input and four power output connections.

Load-sharing Design

The BUPS shares the load with the Avaya switches' internal power supplies. This ensures maximum reliability and a seamless switch-over in case of a power supply fault, with no effect on hub or network operation. Load-sharing increases the lifespan and Mean Time Between Failure (MTBF) of the Avaya switch.

Management

The BUPS provides data to the Avaya management station, showing the BUPS version, input voltage, and the status of each internal power supply as well as the fan system.

Cooling System Redundancy

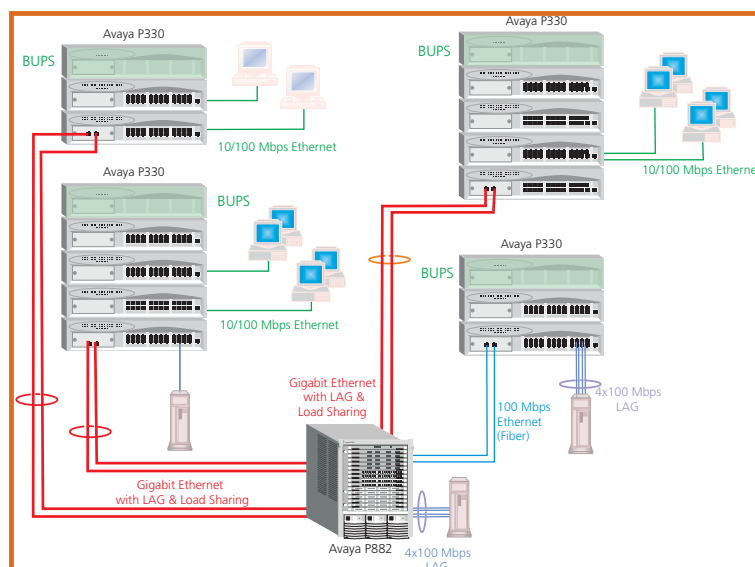
In the event that one of the internal fans fails, the BUPS is still cooled effectively and continues to operate normally.

Highlights

- Continuous power to the Avaya P330, P130, and P120
- One BUPS serves up to 4 units
- Load sharing between the BUPS and Avaya switch internal power supply
- Continuous input voltage range
- Cooling System Redundancy
- AC version for the Avaya P330, P130, and P120
- DC version for the Avaya P330



Avaya P330 BUPS



Application

In this application, the Avaya P882 acts as the network backbone with Avaya P330 stacks as closet devices.

The Avaya P330 BUPS in each stack ensures maximum reliability in case of a power supply fault.

Specifications

Power Requirements

Output voltage:	5.5 V
Max. output current:	4 x 27A @ 5.5V
Max. output power:	4 x 150W @ 5.5V
Input voltage range	
AC:	100 to 240 VAC
DC:	-36 to -72 VDC
Input current	
AC:	7.76A @ 100 VAC 3.82A @ 200 VAC
DC:	20.4A @ 36 VDC 10A @ 72 VDC
Inrush current	
AC:	70A @ 100 VAC (max.) 150A @200 VAC (max.)
DC:	140A @48 VDC

Physical Characteristics

Dimensions (h,w,d):	2U (3.5"/88 mm) x 482.6 mm (19") x 450 mm (17.7")
Weight	
AC:	22 lbs (10 kg)
DC:	19.8 kbs (9 kg)

Overload Protection

All circuits are protected against overload and short circuits through shutdown of control circuits.

Reliability

Physical Durability:	
Vibration and shock compliance with TR and NWT-000063 (NEBS) Par.4.4.1 and 4.4.2	
MTBF	
AC:	125,194 hours
DC:	166,443 hours

Environmental Conditions

Operating Temp:	-5 to 50°C (23 to 122°F) (ambient)
Rel. Humidity:	5% to 95%, non-condensing

Agency Approval

EMC Emission:	US – FCC Part 15, Subpart J, Class A Europe – EN55022 class A
Immunity:	Approved according to EN50082-1
Safety:	UL for US approved according to UL1950 Std. C-UL (UL for Canada) approved according to C22.2 No.950 Std. CE for Europe approved according to EN 60950 Std.

Ordering Information

Product	PEC Code	COM Code
Avaya P330 BUPS	4705-057	108563339
Avaya P330 DC BUPS	4705-144	108731563

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