AVAYA

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500 - 1440 VA Rackmount UPS

Solution Overview

The new Avaya 500-1440 VA rackmount UPS is the ideal backup power solution for small-to-medium size businesses and branch offices. Designed to prevent poor quality power from bringing your customer's business down, this Avaya UPS continually regulates incoming voltage problems and delivers battery backup when the power goes out. The slim design and wide range of installation possibilities also make it an extremely versatile UPS.

Solution Benefits

Avaya's new rackmount UPS delivers an array of customer-focused benefits:

- Conserves valuable rack space with 1U rack height

- Doubles battery service life and gives you advanced warning of the end of useful battery life with Advanced Battery Management (ABM) technology

- Corrects incoming power fluctuations with Buck and Boost voltage regulation

- Adapts to 1U rackmount, 0U sidemount, and wallmount installations (all hardware included)

- Simplifies service with hot-swappable batteries

Solution Applications

Designed for rackmount applications, this new UPS family from Avaya is designed to protect equipment such as Avaya's IP Office and Partner systems.

Model Selection Guide					
Power Rating[1] (VA/Watt)	SAP Code	Input Connection	Output Receptacles[2]	Unit Weight (lb.)	Dimensions[3] (HxWxD, inches)
500/320	700427065	5-15P	(4) 5-15R	35.2	1.73 (1U) x 17.3 x 22.8
750/520	700427073	5-15P	(4) 5-15R	41.4	1.73 (1U) x 17.3 x 22.8
1000/670	700427081	5-15P	(4) 5-15R	41.4	1.73 (1U) x 17.3 x 22.8
1440/1000	700427099	5-15P	(4) 5-15R	48.6	1.73 (1U) x 17.3 x 22.8

1. 50/60 automatic frequency selection. 2. Divided into (2) Load Segments (receptacle groups). 3. Unit fits into standard 19 & 23-inch racks or can be wall-mounted and Zero U rackmounted. Mounting hardware supplied.

Brief Technical Specifications[1]

Electrical

Nominal Voltage	120V; user-selectable for 110V
Input Voltage Ranges for User-selectable Voltages	±20% for nominal voltage at full load
Operating Frequency	50/60 Hz, Auto-sensing
On Utility Voltage Regulation	-10% to +6% of nominal
Voltage Wave Shape (on battery)	Sine Wave

Battery

Battery Type	Sealed, lead-acid; maintenance free
Battery Run Time	Approximately 10 minutes, typical
Battery Replacement	Hot-swappable internal batteries
Recharge Time	Advanced charging for faster recovery. <3 hours to 90% usable capacity
Start-On-Battery	Allows UPS operation without utility input

General

Topology	Line-interactive
Mounting Hardware	All hardware included for 1U rackmount, OU sidemount, and wallmount installations
Transfer Time	2-4 ms typical
Diagnostics	Self-test at power up

Communications

User Interface	LED status display with AC power on, load Group, Overload, On Battery and General Alarm indicators. Site Wiring Fault Indicator on rear panel.
Audible Alarms	For various UPS alarm conditions, including: On Battery, Low Battery, Overload, UPS fault
Network transient Protector	UL 497A, In/out jacks RJ45 (high voltage models network protection) & RJ11
Optional Communication Card	Web/SNMP card
Standard Communications	1 x RS-232 Serial Port & 1 x USB Port
Power Management Software	Software Suite CD and cable (bundled with UPS)

Environmental

Safety Markings	UL; cUL
Safety Conformance	UL 1778; UL497A; cUL (CAN/CSA C22.2, No. 107.1)
EMC Compliance	FCC Part 15 subpart J Class A, ICES-003
RoHS Compliance	Yes
Operating Temperature	0 to 40°C (32 to 104°F)
Surge Suppression	ANSI C62.41 Category A (formerly IEEE 587)
Audible Noise	Less than 40 dBA typical
Altitude	Up to 3000M (10,000 ft) without derating

1. Due to continuing product improvement programs, all specifications are subject to change without notice.

About Avaya

Avaya enables businesses to achieve superior results by designing, building and managing their communications infrastructure and solutions. For over one million businesses worldwide, including more than 90 percent of the FORTUNE 500®, Avaya embedded solutions help businesses enhance value, improve productivity and create competitive advantage by allowing people to be more productive and create more intelligent processes that satisfy customers.

For businesses large and small, Avaya is a world leader in secure, reliable IP telephony systems, communications applications and full life-cycle services. Driving the convergence of embedded voice and data communications with business applications, Avaya is distinguished by its combination of comprehensive, world-class products and services. Avaya helps customers across the globe leverage existing and new networks to achieve superior business results.

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