# AVAYA

**FACT
SHEET**

# 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, 0U 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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