

# Select Series UPS

backup power systems

value priced UPS with simulated sine wave  
and IP capability

## features:

- 4 models available
  - 1 and 2 RU sizes
  - 2200, 1500, 1000 and 500VA options
- Bank control of outlets for simple system reboot
- Simulated sine wave output waveform
- Remote monitoring and control of power with optional IP card
- 8ms transfer time
- Automatic Voltage Regulation
- Non-critical load shedding
- Surge protection and EMI filtering
- LED status indicators
- Battery pack easily replaced via front panel
- UL Listed in the US and Canada



UPS-S500R



## specifications:

Select Series Rackmount Uninterruptible Power Supply (UPS) shall be Middle Atlantic Products model # UPS- S\_\_ R (refer to chart). Rackmount UPS shall be AVR with boost only. Rackmount UPS shall measure 19.00" W x \_\_" H x \_\_" D (refer to chart) and occupy \_\_ (1,2, refer to chart) rackspaces. Rackmount UPS shall operate on 120 VAC/60Hz current. Rackmount UPS shall have a nominal output of 120V. Rackmount UPS shall have a capacity of \_\_ VA and \_\_ W (refer to chart). Rackmount UPS shall have \_\_ NEMA 5- \_\_ receptacles on the rear of the unit (refer to chart). Rackmount UPS shall have a priority outlet bank consisting of \_\_ outlets (refer to chart) dedicated to ensure maximum run time of critical components. Rackmount UPS shall have a non-critical outlet bank consisting of \_\_ outlets (refer to chart) dedicated to load shedding. Rackmount UPS shall have a simulated sine wave output waveform. Rackmount UPS shall have an 8ms transfer time. Rackmount UPS shall be IP enabled when used with option IP Expansion card, model# UPS-IPCARD. Rackmount UPS shall include a 10' \_\_ (refer to chart) power cord with NEMA \_\_ (refer to chart) plug. Rackmount UPS shall have surge suppression that utilizes a clean line-to-neutral design that does not pass noise contamination to ground. Rackmount UPS shall allow for a \_\_ minute run time at half load and a \_\_ (refer to chart) minute run time at full load. Rackmount UPS shall be RoHS EU Directive 2002/95/ EC & 2011/65/EU compliant. Rackmount UPS shall utilize Middle Atlantic Power Manager™ software. Rackmount UPS shall be warrantied to be free from defects in materials and workmanship under normal use and conditions for a period of 3 years; battery shall be warrantied for a period of 2 years. Rackmount UPS shall be UL listed in US and Canada.

Customizable specification clips available at [middleatlantic.com](http://middleatlantic.com)



## options:

- **UPS-IPCARD:** Web based control shall be enabled on non-internet enabled Middle Atlantic Products UPS by UPS-IPCARD, which shall be installed into the Expansion Port on the rear of the UPS.
- **Replacement Battery:** Replacement Battery Pack for the UPS shall be Middle Atlantic Products model #

UPS	Replacement Battery
UPS-S500R	UPS-SRBP-500
UPS-S1000R	UPS-SRBP-1000
UPS-S1500R	UPS-SRBP-1500
UPS-S2200R	UPS-SRBP-2200

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**Middle Atlantic Products**

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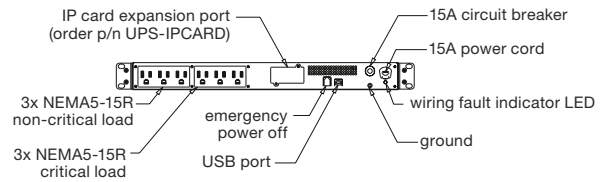
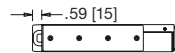
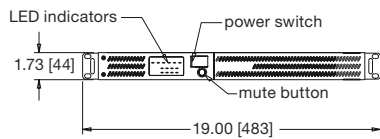
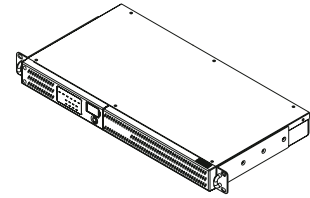
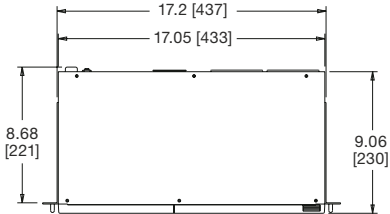
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# UPS-S Series

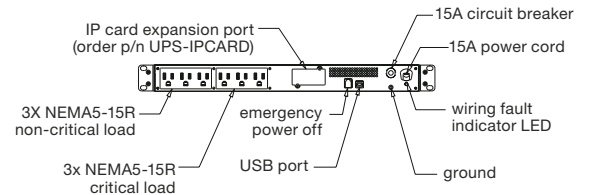
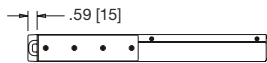
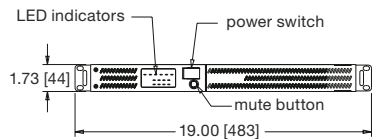
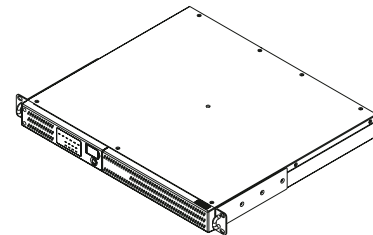
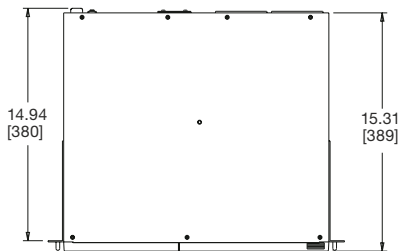
## basic dimensions

all dimensions in inches unless otherwise noted [all dimensions in brackets are in millimeters]

### UPS-S500R



### UPS-S1000R

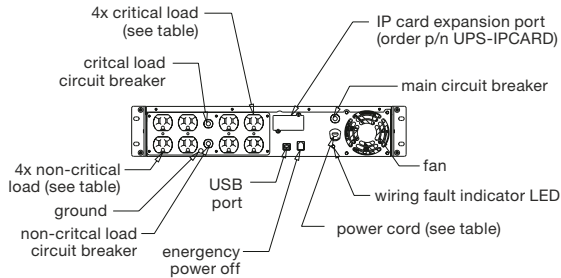
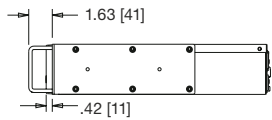
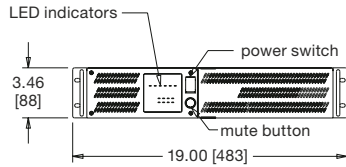
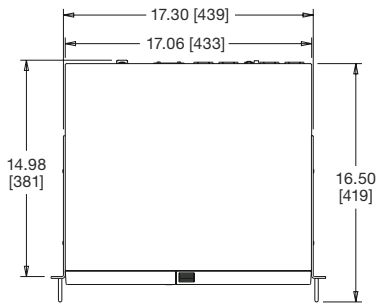
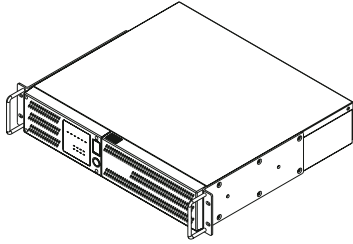


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# UPS-S Series

## basic dimensions

all dimensions in inches unless otherwise noted [all dimensions in brackets are in millimeters]



Technical Specifications	UPS-S500R	UPS-S1000R	UPS-S1500R	UPS-S2200R
Capacity (Va)	500	1000	1500	2000
Capacity (Watts)	300	600	900	1320
<b>Input</b>				
Cord Length And Plug Type	10ft. & NEMA 5-15P			10ft. & NEMA 5-20P
Input Voltage Range	90 VAC - 140 VAC			
Input Frequency Range	60Hz #+/-3Hz (auto sensing)			
<b>Output</b>				
On Battery Output Voltage	simulated sine wave at 120 VAC +/-10%			
On Battery Output Frequency	60 Hz #+/-1%			
AVR	boost only (with input voltage less than 100 VAC)			
Transfer Time (Typical)	8 ms			
Overload Protection	on utility: circuit breaker, on battery: internal current limiting			
Surge Protection & Filtering	single mode, L - N			
Lightning/Surge Protection	1030 Joules	1030 Joules	1840 Joules	1840 Joules
<b>Physical</b>				
Output Receptacles	(6) NEMA 5-15R	(8) NEMA 5-15R	(8) NEMA 5-20R	
Weight Lb. (Kg)	18 (8.2)	32 (15)	48 (21.9)	52.7 (23.9)
<b>Battery</b>				
Sealed Maintenance Free Lead Acid Battery	6V / 7.0AH X 2	6V / 7.0AH X 4	12V / 7.0AH X 4	12V / 9.0AH X 4
Full Load Run Time (estimated)	3 minute	3 minute	6 minute	4 minute
Half Load Run Time (estimated)	12 minute	13 minute	18 minute	13 minute
<b>Warning Diagnostics</b>				
Indicators	power on, wiring fault, led display (using battery, AVR, load level, battery level)			
Audible Alarms	on battery, low battery, overload			
<b>Environmental</b>				
Operating Temperature	32F to 104F (0C to 40C)			
Operating Relative Humidity	0 to 95% non-condensing			
<b>Communication</b>				
Power Manager Software (TM)	WINDOWS 98/ME/NT/2000/XP/VISTA/WINDOWS 8			
Auto-Charger/Auto-Restart	yes			
Built-In USB Interface	yes			

Model#	Amperage Rating	Outlets	Power Cord	Output
UPS-S1500R	15A	NEMA5-15R	15A	1500VA
UPS-S2200R	20A	NEMA5-20R	20A	2000VA

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