







# Backup Power

for any application at any budget



Power sags, surges, and outages are inescapable and are more than an inconvenience. These power issues can damage equipment as well as completely halt productivity. An uninterruptible power supply (UPS) provides backup power when input power fails, long enough for critical equipment to shut down or to keep equipment operational until a secondary source, like a generator, kicks on. A UPS also conditions incoming power so that minor and intermittent power issues do not damage sensitive electronic gear.

When great systems need the assurance of reliable backup power, integrators have a variety of options from Middle Atlantic. The Premium and Select Series UPS Backup Power Systems provide line interactive backup for AV gear with small to medium loads. The Premium Online Series UPS Backup Power Systems are ideal for when failure is not an option and the cleanest power is required for mission critical, sensitive, and high-end systems. The Middle Atlantic UPS line offers a full selection of solutions meeting varying price points, space requirements and system capabilities.

	Select ▼	Premium ▼	Premium Online ▼
Applications	<b>Digital Equipment</b> Control Systems Small Servers Networking & IT Equipment	<b>Digital &amp; Analog Equipment</b> All Select Applications, Plus: Media & Storage Servers AV Switching & Control Home Automation Systems	<b>Universal Compatibility</b> All Premium Line Interactive Applications, Plus: Sensitive AV Equipment Security Systems
Transfer Time	8 ms	4 ms	Zero No Transfer
VA Capacity	500-2200VA	1000-2200VA	1500-3000VA
Output Waveform	Simulated Sine Wave 	Pure Sine Wave 	Pure Sine Wave 
Receptacles	15A & 20A Receptacles 	15A & 20A Receptacles 	15A, 20A & 30A w/ twist-lock 
	Bank Control	Bank Control & Individual Outlet Control	Bank Control
Number of Outlets	6 - 8	8	7 - 8
Battery Expansion	No Battery Expansion	Up to 10 Extra Batteries	Up to 10 Extra Batteries
Display Type	LED Indicators	LCD Display	Removable LCD Display
Price	\$	\$\$	\$\$\$

what great systems are built on.™

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Middle Atlantic Products

POWER: **BACKUP.** PROTECTION. DISTRIBUTION. CONTROL.

# Select

## series UPS backup systems

Select Series UPS Backup Systems are a competitively priced option for ensuring uptime of electronic components in the event of a power outage. Select Series UPS models are available in compact form factors when space is at a premium, in capacities to support a wide range of installations.



### WHEN/WHERE TO USE

- For smaller loads when backup time is not as critical (i.e. a generator is present)
- When there are disruptions, but not long outages
- For budget conscience customers

- 1RU models available for one-person installation and space savings
- Value priced
- Remote monitoring and control of power with optional IP card
- Simulated sine wave output waveform
- 8 ms transfer time
- Designed for AV and Security applications

All Select Series UPS models offer IP capability optionally via UPS-IPCARD. Benefits of IP Capability:

- Real time UPS monitoring, remote management & configuration via web browser or NMS (Network Management System)
- Supports TCP/IP, HTTP/SNMP\*, NTP, DNS & SMTP protocols
- User upgradeable firmware via FTP and security management features included

\*SNMP version 1.0

	Part #	Description	Outlet Controlled	Dimensions	Termination	Rackspaces
15 Amp	UPS-S500R	500VA, 120V 60HZ	Bank Control	17"W x 1.75"H x 8.75"D	10' Cord w/NEMA 5-15P Plug	1 Space
	UPS-S1000R	1000VA, 120V 60HZ	Bank Control	17"W x 1.75"H x 15"D	10' Cord w/NEMA 5-15P Plug	1 Space
	UPS-S1500R	1500VA, 120V 60HZ	Bank Control	17"W x 3.5"H x 15"D	10' Cord w/NEMA 5-15P Plug	2 Space
20 Amp	UPS-S2200R	2200VA, 120V 60HZ	Bank Control	17"W x 3.5"H x 15"D	10' Cord w/NEMA 5-20P Plug	2 Space
	UPS-SRBP-500	Replacement Battery Pack 500VA	—	—	—	—
	UPS-SRBP-1000	Replacement Battery Pack 1000VA	—	—	—	—
	UPS-SRBP-1500	Replacement Battery Pack 1500VA	—	—	—	—
	UPS-SRBP-2200	Replacement Battery Pack 2200VA	—	—	—	—
	UPS-IPCARD	UPS Network Interface Card	—	—	—	—

# Premium

## series UPS backup systems

Premium Series UPS Backup Systems feature pure sine wave technology, making them the ideal solution for protecting both analog and digital electronics. With the energy saver circuitry for silent operation, these solutions reduce power consumption up to 75%.



### WHEN/WHERE TO USE

- For small to medium loads that may encounter longer disruptions in power (i.e. longer run times & expansion batteries extend capabilities when system is not on generator power)
- Perfect for primary AV/Security enclosures
- When backing up display walls, mobile media/equipment carts or conference/meeting rooms

- Pure sine wave technology provides the best power for sensitive devices
- Non-critical load shedding and high capacity batteries extend run time for critical loads
- Fast 4 millisecond transfer time ensures no system disruption or equipment lockup
- Expansion battery pack option - connect up to 10 to a single UPS for extended half-load run times up to 20 hours
- Hot swappable battery for easy service
- Both auto and scheduled shutdown/start-up/reboot to protect servers/workstations from data loss due to power failure

All Premium Series UPS models offer IP capability either built-in or optionally via UPS-IPCARD. Benefits of IP Capability:

- Real time UPS monitoring, remote management & configuration via web browser or NMS (Network Management System)
- Supports TCP/IP, HTTP/SNMP\*, NTP, DNS & SMTP protocols
- User upgradeable firmware via FTP and security management features included

\*SNMP version 1.0

	Part #	Description	Outlet Controlled	Dimensions	Termination	IP Card Installed
15 Amp	UPS-1000R	1000VA / 750W	Critical/Non-critical Bank	19"W x 3.5"H x 19"D	9' Cord w/NEMA 5-15P Plug	No
	UPS-1000R-IP	1000VA / 750W	Critical/Non-critical Bank	19"W x 3.5"H x 19"D	9' Cord w/NEMA 5-15P Plug	Yes
	UPS-1000R-8	1000VA / 750W	Individual Outlet	19"W x 3.5"H x 19"D	9' Cord w/NEMA 5-15P Plug	No
	UPS-1000R-8IP	1000VA / 750W	Individual Outlet	19"W x 3.5"H x 19"D	9' Cord w/NEMA 5-15P Plug	Yes
20 Amp	UPS-2200R	2150VA / 1650W	Critical/Non-critical Bank	19"W x 3.5"H x 19"D	9' Cord w/NEMA 5-20P Plug	No
	UPS-2200R-IP	2150VA / 1650W	Critical/Non-critical Bank	19"W x 3.5"H x 19"D	9' Cord w/NEMA 5-20P Plug	Yes
	UPS-2200R-8	2150VA / 1650W	Individual Outlet	19"W x 3.5"H x 19"D	9' Cord w/NEMA 5-20P Plug	No
	UPS-2200R-8IP	2150VA / 1650W	Individual Outlet	19"W x 3.5"H x 19"D	9' Cord w/NEMA 5-20P Plug	Yes
	UPS-2200R-HH	2150VA / 1650W	Critical/Non-critical Bank	19"W x 3.5"H x 19"D	Hardwired 36" Flex Cable Input & Hardwired Output	No
	UPS-EBPR	UPS Expansion Battery Pack	-	-	-	-
	UPS-IPCARD	UPS Network Interface Card	-	-	-	-
	UPS-RBP	UPS Replacement Battery Pack	-	-	-	-

# Premium Online

## series UPS backup systems



When failure is not an option, the Premium Online Series UPS Backup Power Systems provide the cleanest power for mission critical, sensitive, and high-end systems. A completely isolated pure sine wave output provides perfect power free from noise and distortion for optimal system performance while the double conversion topology guarantees maximum system uptime. Front accessible batteries and remote IP management simplify maintenance and put you in control. The Premium Online Series UPS Backup Power Systems have a wide range of capacities, safeguarding any application.

### WHEN/WHERE TO USE

- For medium sized loads up to 30A where the application is critical or sensitive equipment is being used
- When/if the generator power is dirty as these systems provide complete isolation from the power grid
- Great for geographical locations where power fluctuations and outages are common

- Permanent connection to the battery for zero transfer time eliminating system disruptions and guaranteeing maximum uptime
- Complete isolation and conditioning of output power with double conversion topology providing the cleanest power possible
- Reduced ambient noise with quiet variable speed fans
- Longest run time available in this form factor with the capability to add up to 10 expansion battery packs
- Front accessible, hot-swappable batteries to eliminate downtime related to UPS power maintenance

- Pure sine wave output waveform automatically corrects over-voltage and under-voltage conditions
- Non-critical load shedding
- EMI/RFI filtering for clean power of connected equipment
- Monitoring and reporting for real time battery life notifications
- Removable LCD display & power switch for remote accessible functionality
- Flexibility to set the output frequency to match connected equipment
- Remote monitoring and control of power with optional IP card
- 30A capability twist lock receptacles for larger equipment
- 3 models available in 1500, 2200, and 3000VA options

	Part #	Description	Outlet Controlled	Dimensions	Termination	Rackspaces
<b>15 Amp</b>	UPS-OL1500R	1500VA / 1350W	Bank Control	19.00" W x 3.50" H x 15.50"D	10' cord w/NEMA 5-15P Plug	2 Space
<b>20 Amp</b>	UPS-OL2200R	2200VA / 1800W	Bank Control	19.00" W x 3.50" H x 22.25"D	10' cord w/NEMA 5-20P	2 Space
<b>30 Amp</b>	UPS-OL3000R	3000VA / 2700W	Bank Control	19.00" W x 3.50" H x 22.25"D	10' cord w/NEMA L5-30P	2 Space
	UPS-OLEBPR-1	Expansion Battery Pack 2200/3000VA	–	19.00" W x 3.50" H x 22.25"D	–	2 Space
	UPS-OLEBPR-2	Expansion Battery Pack 1500VA	–	19.00" W x 3.50" H x 15.50"D	–	2 Space
	UPS-OLIPCARD	UPS Network Interface Card	–	–	–	–
	UPS-OLRBP-1	Replacement Battery Pack	–	–	–	–
	UPS-OLRBP-2	Replacement Battery Pack	–	–	–	–
	UPS-OLRBP-3	Replacement Battery Pack	–	–	–	–
	UPS-OLRBP-4	Replacement Battery Pack	–	–	–	–

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