

NEXSYS™

# ONLINE UPS BACKUP POWER SYSTEMS

A uninterruptible power supply that has been designed, engineered, and built for AV.

## FEATURES

- **8 outlets**
  - Bank Controlled option with (2) 4 outlet banks
  - Individually Controlled options for all 8 outlets
    - The only Online UPS with Individual Outlet control in the AV market
  - 3000 VA Models
    - 7 Outlets with Bank Control
    - (2) outlet banks (top and bottom) with 3 outlets each (6) NEMA 5-20R outlets
    - (1) NEMA L5-30R not controlled but always on when UPS is turned on
- **Available in 1000, 1500, 2000 and 3000VA**
  - 1000VA and 1500VA are 15 Amp
  - 2000VA is 20 Amp
  - 3000VA is 30 Amp
- **An Out-of-Box(y) Experience.** Everything is assembled and connected right from the factory saving you time during your installations
  - Rack ears are pre-installed with the “4-Post” mounting brackets ready to be rack mounted even if you have a 3rd pair of rackrail
  - The battery is already connected so just plug it in
- **Customization is a Breeze.** The NEXSYS Power Management Software on your PC allows you to customize and configure various settings and notifications if you don’t like our default settings—we won’t be offended
- **RackLink™ Remote Management.** The NEXSYS UPSs are RackLink compatible for remote monitoring and management and some are compatible right out of the box! Look for RLNK in the part number. Use the RackLink Discovery Tool on your on PC, Apple or Android devices and connect directly to the UPS.
- **Pure Power.** All NEXSYS Online Double Conversion UPSs have a Pure Sine Wave output providing the cleanest power to your connected equipment, especially the most sensitive equipment
- **No time to wait.** Absolute zero transfer time because the connected equipment is ALWAYS powered from the battery. Keep in mind, that batteries in Online UPSs do need to be replaced more frequently, but NEXSYS will give you the heads up when that time comes.
- **“NEXSYS, alert me when...”** Set reminders or notifications for things like battery replacement, etc. via email or on the UPS
- **Swap it like it’s hot.** Hot-swappable battery from the front access panel for easy service without disrupting the system
- The IEC Input allows for better cable management of the power cord if shorter or longer cords are required
  - UPSs include a 6’ (1.8m) SignalSAFE™ IEC power cord
  - The only exception is the 3000VA because it’s a 30A 10’ power cord that needs to be permanently attached to the UPS
- Energy Star Certified (ONLY Online UPS with Energy Star in AV market)
- U.S. Department of Energy Compliant for energy efficiency



Online UPS



Front Interface



Mounting

# ONLINE UPS BACKUP POWER SYSTEMS

## SPECIFICATIONS

### NEXSYS Online UPS Backup Power Systems

Online Double Conversion Uninterruptible Power Supply (UPS) shall be Middle Atlantic Products model # UPX- OL\_\_ R-2 or UPX-RLNK-OL\_\_-\_\_ (refer to chart). UPS shall be Online Double-Conversion Topology. Unit shall measure 19.00" W x 3.50" H x \_\_.00" D (refer to chart for depth) and occupy 2 rack spaces. UPS shall have slim rail mounting allowing mounting with a pair of middle rack rail. Unit shall operate on 120 VAC/60Hz current with a Power Factor of \_ (refer to specification table). Unit shall have a nominal output of 120V with optional selection for 110V or 127V. Unit shall have a capacity of \_\_ VA and \_\_ W (refer to chart). Unit shall have ( ) NEMA \_\_-\_\_ receptacles on the rear of the unit (refer to chart). Unit shall have outlets controlled via 2 banks for selection of non-critical load shedding, or individual outlet control, depending on model. Unit shall be IP enabled, depending on model (RLNK models), or when used with optional RackLink™ Network card, model# UPX-RLNK-CARD. 1000VA, 1500VA and 2000VA rackmount UPS models shall include an IEC-C\_\_ (refer to chart) detachable 6' (1.83m) SignalSAFE™ power cord with NEMA \_\_ (refer to chart) plug. 3000VA rackmount UPS models shall include an attached 10' (3.01m) power cord with NEMA\_L5-30P. UPS shall have all mode surge suppression and overload protection. Rackmount UPS shall have a hot swappable battery that allows for a \_\_ minute run time at half load and a \_\_ (refer to chart) minute run time at full load. Rear of unit shall have inputs that allow for the installation of up to 4 additional hot swappable batteries. Rackmount UPS shall utilize Middle Atlantic NEXSYS Power Management software. Rackmount UPS shall be warranted to be free from defects in materials and workmanship under normal use and conditions for a period of 3 years; battery shall be warranted for a period of 2 years. Rackmount UPS shall be tested to UL 1778 and CAN CSA-C22.2 standards in US and Canada. Rackmount UPS shall be FCC Class A certified and complies with Canadian ICES-003. Rackmount UPS shall be EnergyStar 2.0 certified.

### Expandable Battery Pack

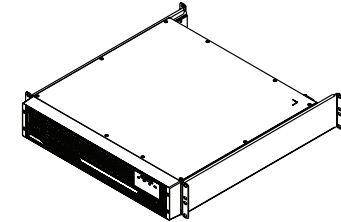
Rackmount expandable run time battery pack shall be Middle Atlantic Products model# UPX-EXPANRUN-OL\_\_(refer to char). UPX-EXPANRUN-OL10 shall be suitable for use with UPX-OL1000R-2 and UPX-RLNK-OL1000R-\_\_ (refer to chart). UPX-EXPANRUN-OL15 shall be suitable for use with UPX-OL1500R-2 and UPX-RLNK-OL1500R-\_\_ (refer to chart). UPX-EXPANRUN-OL20 shall be suitable for use with UPX-OL2000R-2 and UPX-RLNK-OL2000R-\_\_ (refer to chart). UPX-EXPANRUN-OL30 shall be suitable for use with UPX-OL3000R-2, UPX-RLNK-OL3000R-\_\_ (refer to chart). UPS-EXPANRUN-OL\_\_ shall measure 19.00" W x 3.50" H x \_\_" D (refer to chart for depth) and occupy 2 rack spaces. UPS-EXPANRUN-OL\_\_ shall require \_\_" useable depth (refer to chart). With \_\_ hot swappable batteries connected to the unit, there is a \_\_ minute run time at half load and a \_\_ minute run time at full load (refer to chart). Rackmount expandable run time battery pack shall be warranted to be free from defects in materials and workmanship under normal use and conditions for a period of 3 years; battery shall be warranted for a period of 2 years. Rackmount expandable run time battery pack shall be tested to UL 1778 and CAN CSA-C22.2 standards for US and Canada. Rackmount UPS shall be FCC Class A certified and complies with Canadian ICES-003.



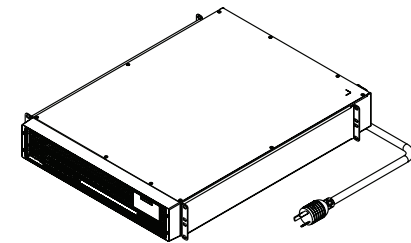
# NEXSYS ONLINE UPS BACKUP POWER SYSTEMS

## BASIC DIMENSIONS

MODEL#	TITLE	MINIMUM USEABLE DEPTH "A"	CHASSIS DEPTH "B"	REAR MOUNTING RANGE "C"	AMPERAGE RATING
UPX-OL1000R-2	1000VA 120V OL UPS LOCAL BANK CONTROL	22 [559]	16 [406]	18-32 [457-813]	15AMP
UPX-OL1500R-2	1500VA 120V OL UPS LOCAL BANK CONTROL	22 [559]	16 [406]	18-32 [457-813]	15AMP
UPX-OL2000R-2	2000VA 120V OL UPS LOCAL BANK CONTROL	22 [559]	16 [406]	18-32 [457-813]	20AMP
UPX-OL3000R-2	3000VA 120V OL UPS LOCAL BANK CONTROL	28 [711]	22 [559]	20-36 [508-915]	30AMP
UPX-RLNK-OL1000R-2	1000VA 120V OL UPS RLNK BANK CONTROL	22 [559]	16 [406]	18-32 [457-813]	15AMP
UPX-RLNK-OL1500R-2	1500VA 120V OL UPS RLNK BANK CONTROL	22 [559]	16 [406]	18-32 [457-813]	15AMP
UPX-RLNK-OL2000R-2	2000VA 120V OL UPS RLNK BANK CONTROL	22 [559]	16 [406]	18-32 [457-813]	20AMP
UPX-RLNK-OL3000R-2	3000VA 120V OL UPS RLNK BANK CONTROL	28 [711]	22 [559]	20-36 [508-915]	30AMP
UPX-RLNK-OL1000R-8	1000VA 120V OL UPS RLNK OUTLET CONTROL	22 [559]	16 [406]	18-32 [457-813]	15AMP
UPX-RLNK-OL1500R-8	1500VA 120V OL UPS RLNK OUTLET CONTROL	22 [559]	16 [406]	18-32 [457-813]	15AMP
UPX-RLNK-OL2000R-8	2000VA 120V OL UPS RLNK OUTLET CONTROL	22 [559]	16 [406]	18-32 [457-813]	20AMP
UPX-RLNK-OL3000R-6	3000VA 120V OL UPS RLNK OUTLET CONTROL	28 [711]	22 [559]	20-36 [508-915]	30AMP

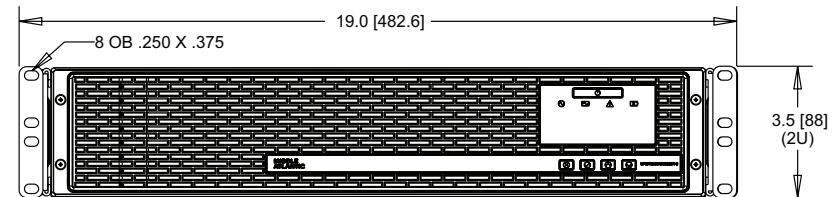
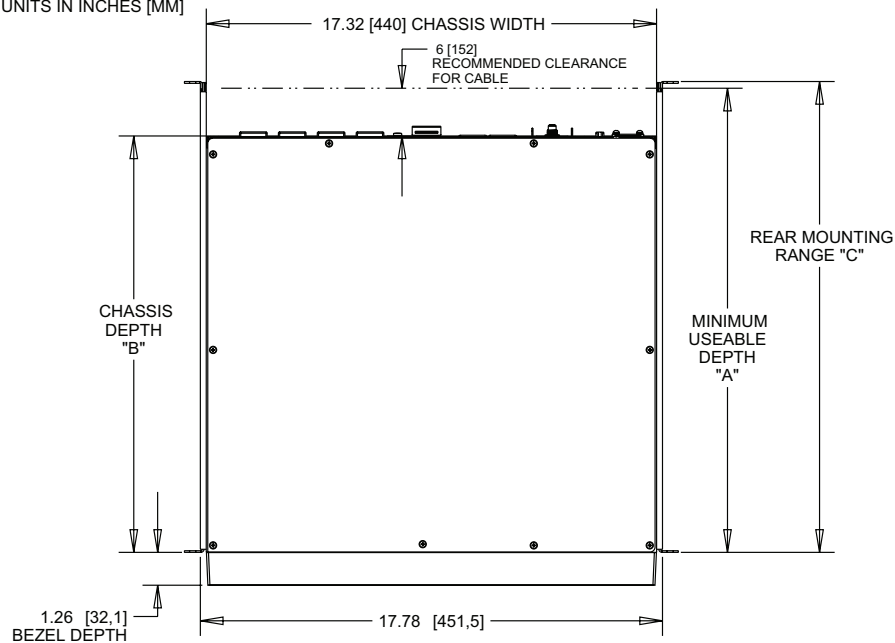


UPX-OL1000R-2,  
UPX-RLNK-OL1000R-2,  
UPX-RLNK-OL1000R-8  
UPX-OL1500R-2,  
UPX-RLNK-OL1500R-2,  
UPX-RLNK-OL1500R-8  
UPX-OL2000R-2,  
UPX-RLNK-OL2000R-2,  
UPX-RLNK-OL2000R-8



UPX-OL3000R-2  
UPX-RLNK-OL3000R-2  
UPX-RLNK-OL3000R-6

ALL UNITS IN INCHES [MM]

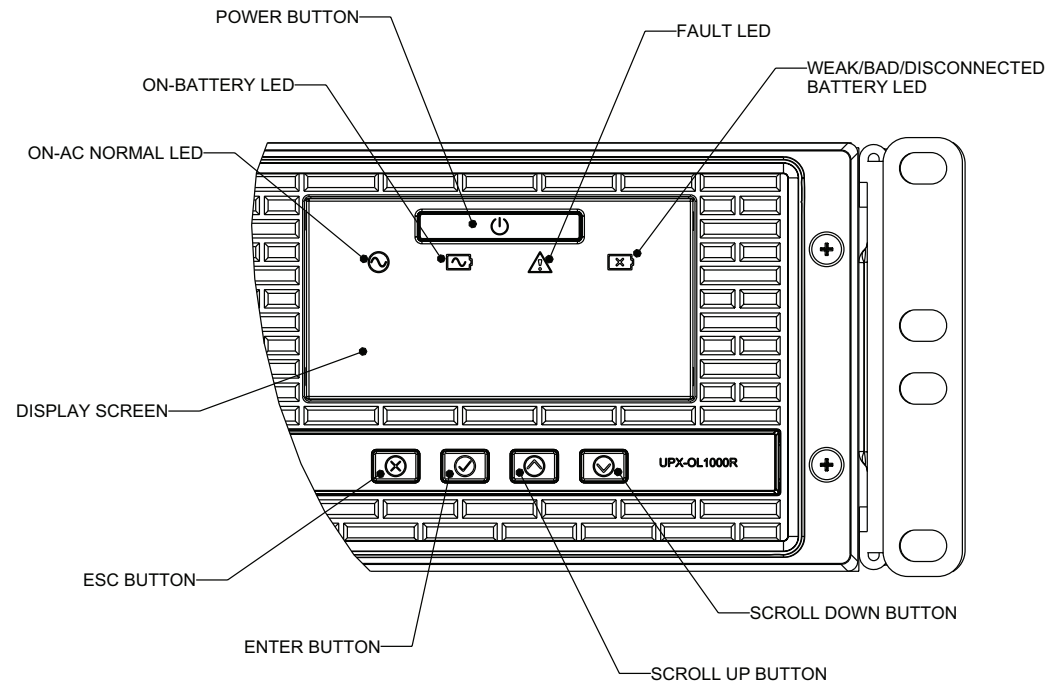


# NEXSYS ONLINE UPS BACKUP POWER SYSTEMS

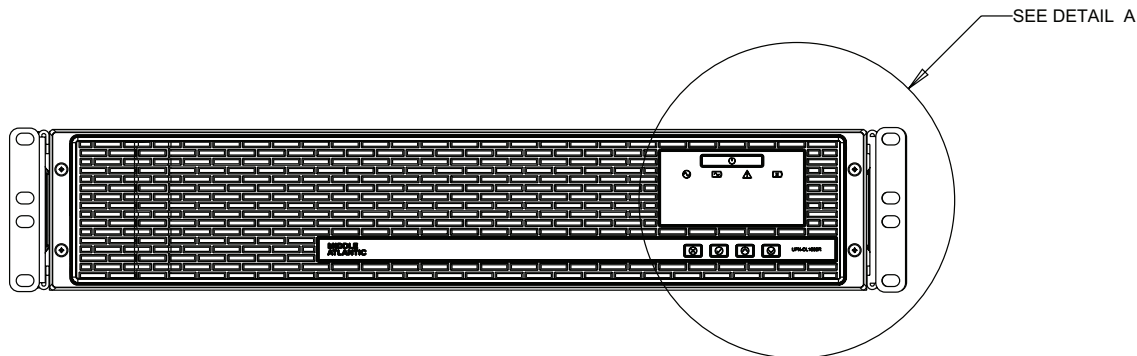
## BASIC DIMENSIONS

MODEL#	TITLE
UPX-OL1000R-2	1000VA 120V OL UPS LOCAL BANK CONTROL
UPX-OL1500R-2	1500VA 120V OL UPS LOCAL BANK CONTROL
UPX-OL2000R-2	2000VA 120V OL UPS LOCAL BANK CONTROL
UPX-OL3000R-2	3000VA 120V OL UPS LOCAL BANK CONTROL
UPX-RLNK-OL1000R-2	1000VA 120V OL UPS RLNK BANK CONTROL
UPX-RLNK-OL1500R-2	1500VA 120V OL UPS RLNK BANK CONTROL
UPX-RLNK-OL2000R-2	2000VA 120V OL UPS RLNK BANK CONTROL
UPX-RLNK-OL3000R-2	3000VA 120V OL UPS RLNK BANK CONTROL
UPX-RLNK-OL1000R-8	1000VA 120V OL UPS RLNK OUTLET CONTROL
UPX-RLNK-OL1500R-8	1500VA 120V OL UPS RLNK OUTLET CONTROL
UPX-RLNK-OL2000R-8	2000VA 120V OL UPS RLNK OUTLET CONTROL
UPX-RLNK-OL3000R-6	3000VA 120V OL UPS RLNK OUTLET CONTROL

THE FRONT INTERFACE IS THE SAME FOR ALL MODELS.



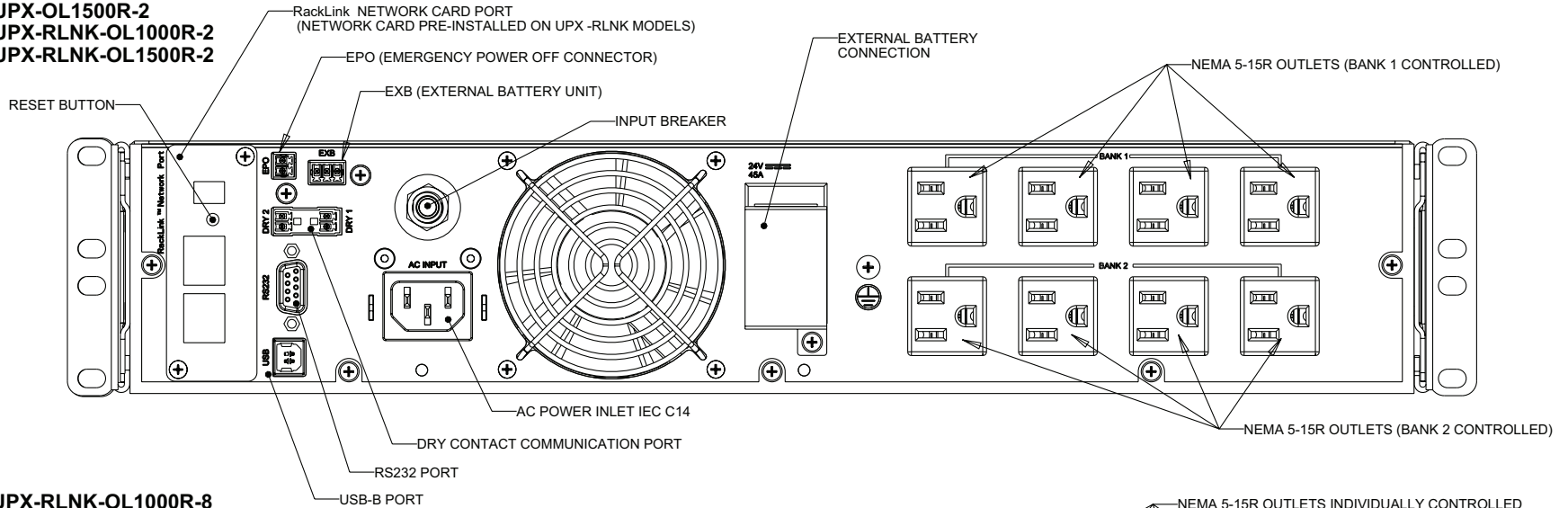
MODEL UPX-OL1000R SHOWN



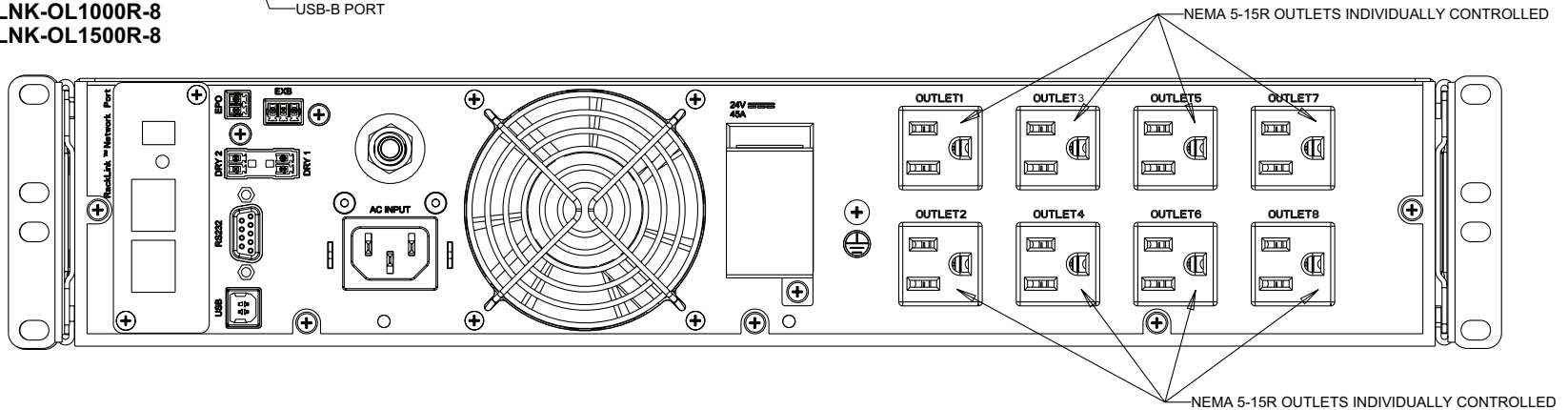
# NEXSYS ONLINE UPS BACKUP POWER SYSTEMS

## BASIC DIMENSIONS

**UPX-OL1000R-2**  
**UPX-OL1500R-2**  
**UPX-RLNK-OL1000R-2**  
**UPX-RLNK-OL1500R-2**



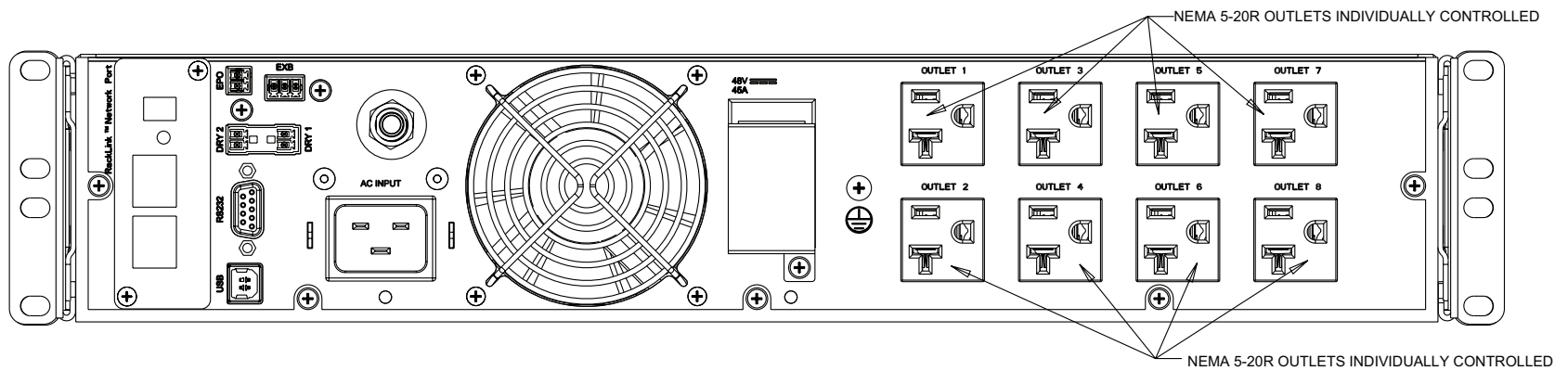
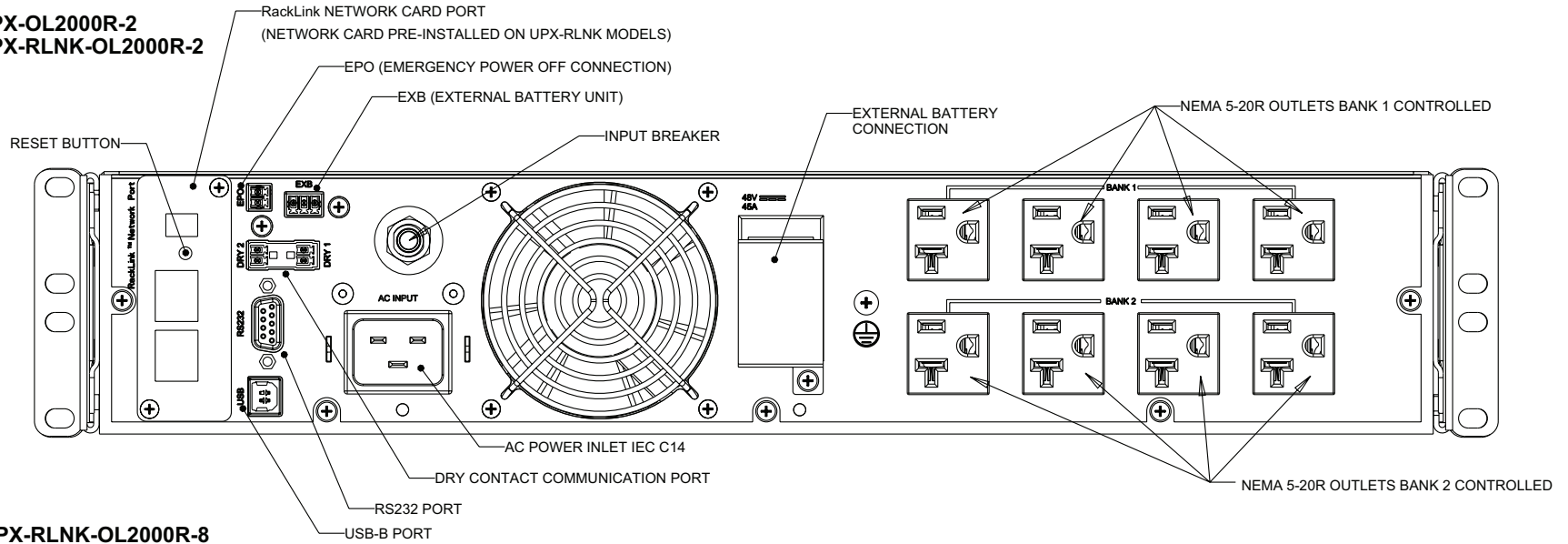
**UPX-RLNK-OL1000R-8**  
**UPX-RLNK-OL1500R-8**



# NEXSYS ONLINE UPS BACKUP POWER SYSTEMS

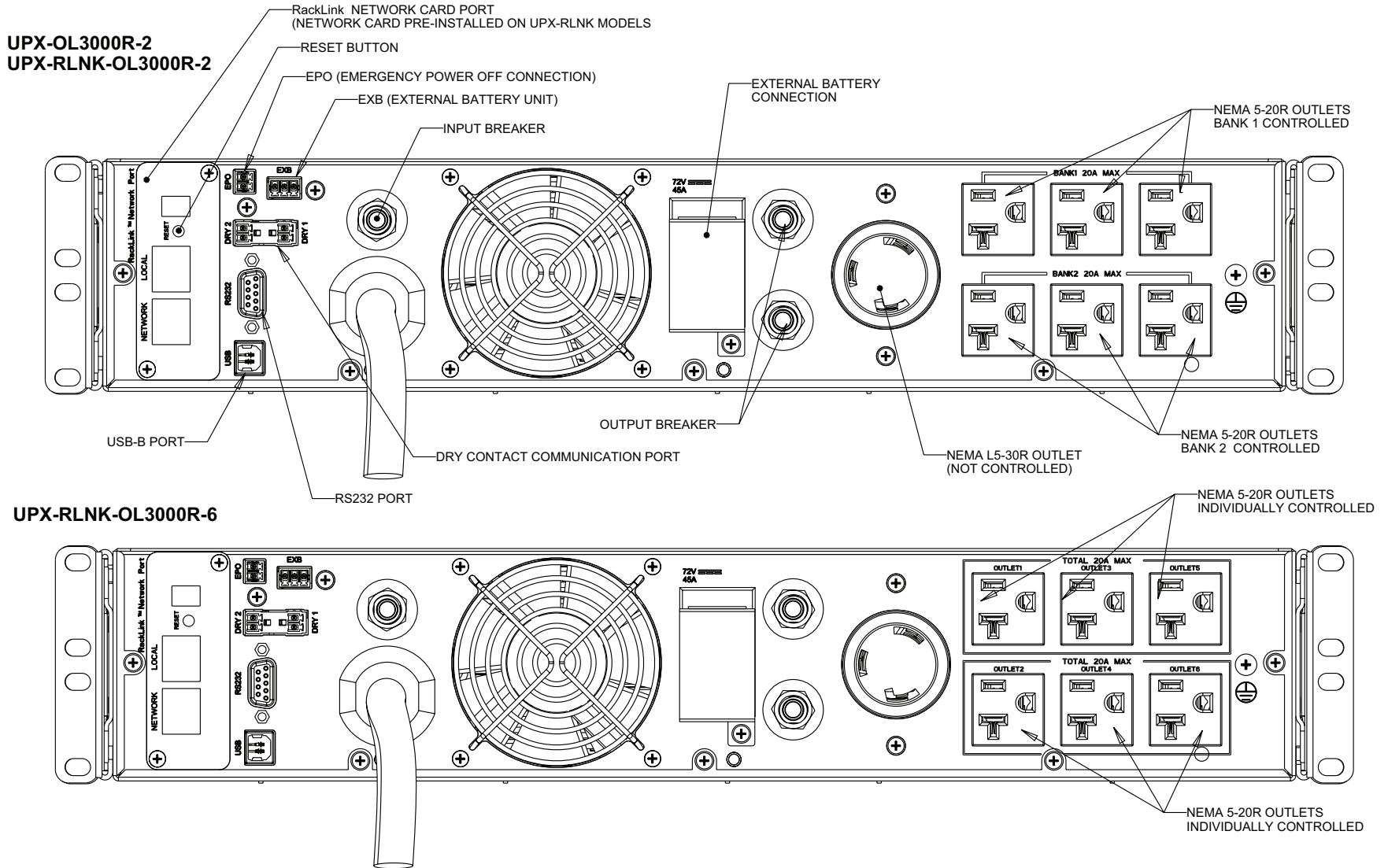
## BASIC DIMENSIONS

**UPX-OL2000R-2**  
**UPX-RLNK-OL2000R-2**



# NEXSYS ONLINE UPS BACKUP POWER SYSTEMS

## BASIC DIMENSIONS

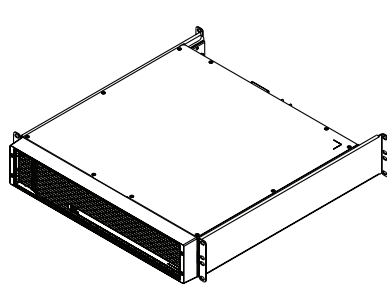


# NEXSYS ONLINE UPS BACKUP POWER SYSTEMS

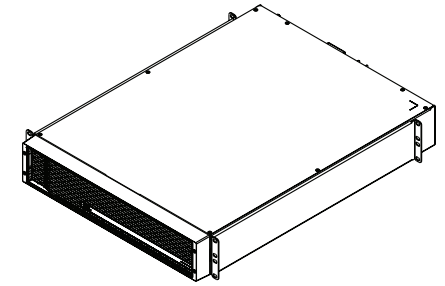
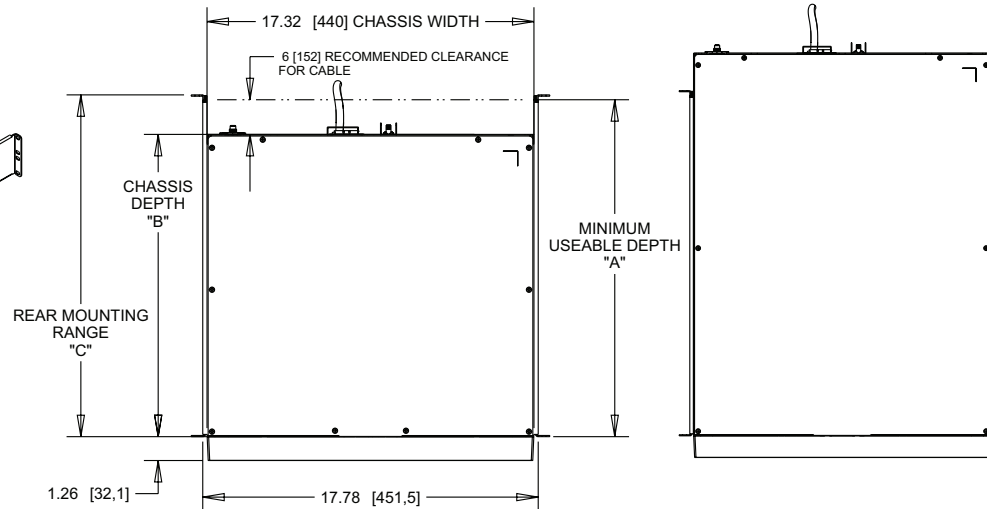
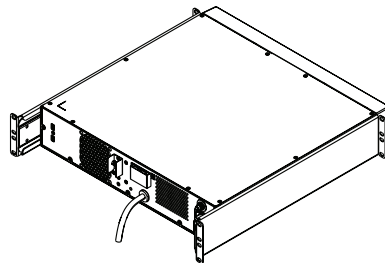
## BASIC DIMENSIONS

MODEL#	TITLE	MINIMUM USEABLE DEPTH "A"	CHASSIS DEPTH "B"	REAR MOUNTING RANGE "C"	AMPERAGE RATING
UPX-EXPANRUN-OL10	UPX EXPAND RUNTIME UNIT 1KVA ONLINE	22 [559]	16 [406]	18-32 [457-813]	15AMP
UPX-EXPANRUN-OL15	UPX EXPAND RUNTIME UNIT 1.5KVA ONLINE	22 [559]	16 [406]	18-32 [457-813]	15AMP
UPX-EXPANRUN-OL20	UPX EXPAND RUNTIME UNIT 2.0KVA ONLINE	22 [559]	16 [406]	18-32 [457-813]	15AMP
UPX-EXPANRUN-OL30	UPX EXPAND RUNTIME UNIT 3.0KVA ONLINE	28 [711]	22 [559]	20-36 [508-915]	15AMP

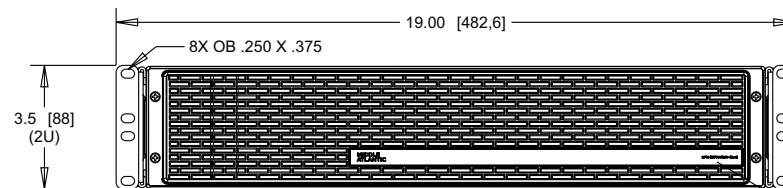
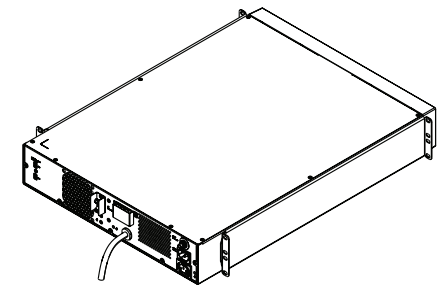
ALL UNITS IN INCHES [MM]



UPX-EXPANRUN-OL10  
UPX-EXPANRUN-OL15  
UPX-EXPANRUN-OL20



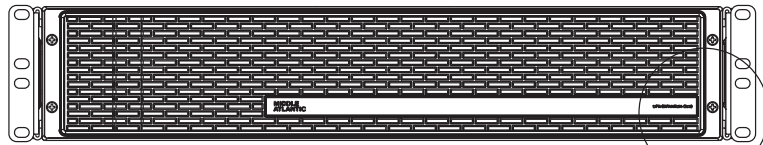
UPX-EXPANRUN-OL30



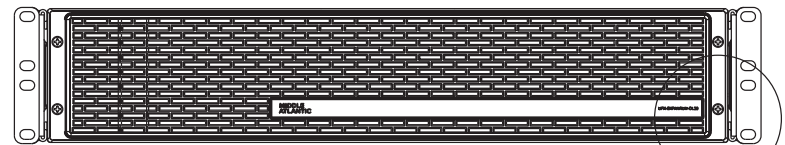
UPX-EXPANRUN-OL10  
UPX-EXPANRUN-OL15  
UPX-EXPANRUN-OL20  
UPX-EXPANRUN-OL30

# NEXSYS ONLINE UPS BACKUP POWER SYSTEMS

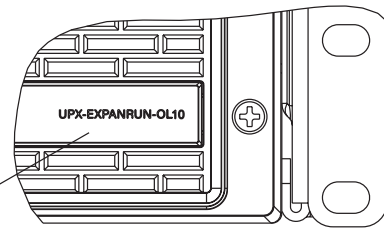
## BASIC DIMENSIONS



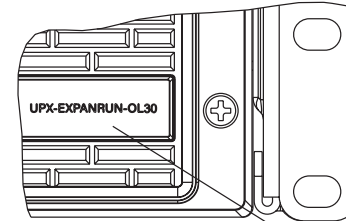
SEE DETAIL B



SEE DETAIL C



UPX-EXPANRUN-OL10 (24V 45 MAX.)  
UPX-EXPANRUN-OL15 (48V 45 MAX.)  
UPX-EXPANRUN-OL20 (48V 45 MAX.)



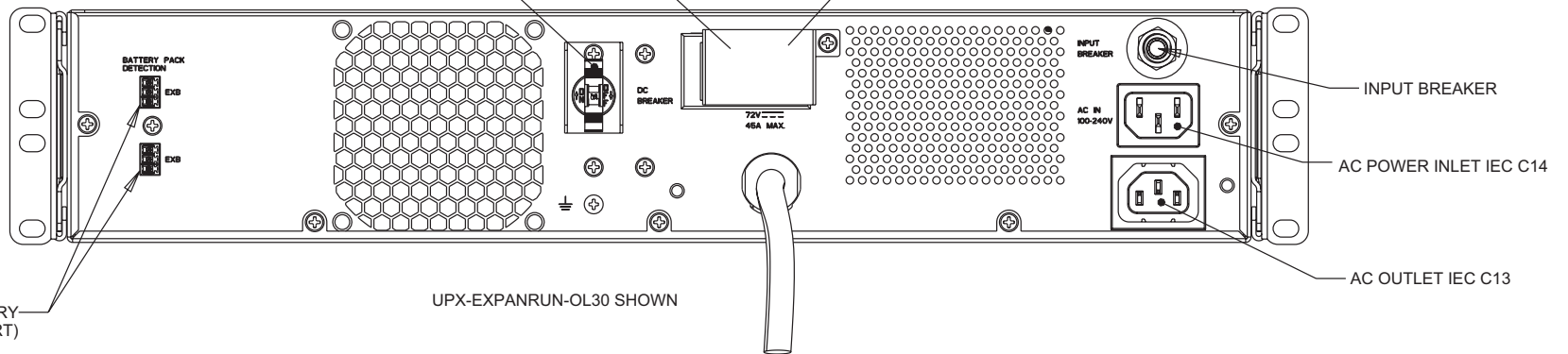
UPX-EXPANRUN-OL30 (72V 45 MAX.)

EXTERNAL BATTERY CONNECTION

24V  
48V  
45A MAX.

72V  
45A MAX.

DC BREAKER



# NEXSYS ONLINE UPS BACKUP POWER SYSTEMS

## ELECTRICAL SPECIFICATIONS

### NEXSYS Online UPS

		UPX-OL1000R-2 UPX-RLNK-OL1000R-2 UPX-RLNK-OL1000R-8	UPX-OL1500R-2 UPX-RLNK-OL1500R-2 UPX-RLNK-OL1500R-8	UPX-OL2000R-2 UPX-RLNK-OL2000R-2 UPX-RLNK-OL2000R-8	UPX-OL3000R-2 UPX-RLNK-OL3000R-2 UPX-RLNK-OL3000R-6
SUMMARY	UPS Topology	Online			
	Waveform on Battery	Pure Sine Wave			
	VA	1000VA	1500VA	2000VA	3000VA
	Watts	1000W	1350W	1800W	2700W
	Power Factor	0.99		0.9	
INPUT	Nominal Voltage	120VAC			
	Voltage Range	50V - 150V			
	Frequency	50-60Hz Autosensing			
	Input Plug Type	SignalSAFE IEC to 5-15P 6' (1.83M)		SignalSAFE IEC to 5-20P 6' (1.83M)	Fixed L5-30P 10' (3.05M)
	Waveform	Pure Sine Wave			
	Selectable Battery Voltage	110/120/127 Vac $\pm$ 5% (Note: 110Vac selection derates UPS to 90%)			
	On Battery Frequency	50Hz or 60Hz $\pm$ 5%			
OUTPUT	No. of Outlets	8		7	
	Outlet type	NEMA 5-15R		NEMA 5-20R	(6)NEMA 5-20R & (1) L5-30R
	Surge Protection	1000 joules			
	Overload Protection	Circuit Breaker			
	Charger Input Voltage	50VAC-150VAC	50VAC-150VAC	50VAC-150VAC	50VAC-150VAC
	Transfer Time (line mode <-> battery mode)	0ms			
	Transfer Time (bypass <-> line mode)	4-6ms			
	Fan / Audible Noise	40dB @ 1m variable speed fan when load < 70%	45dB @ 1m variable speed fan when load < 70%	50dB @ 1m variable speed fan when load < 70%	
	BTU's	337	475	593	830
	Full Load Run Time	2 minutes			
	Half Load Run Time	9 minutes			
BATTERY	Recharge time	6-8hrs			
	Battery Maintenance	Hot Swappable Front Access			
	Battery Pack Details	(2) 12V 9Ah Sealed Maintenance Free Lead Acid Batteries	(4) 12V 7Ah Sealed Maintenance Free Lead Acid Batteries	(4) 12V 9Ah Sealed Maintenance Free Lead Acid Batteries	(6) 12V 9Ah Sealed Maintenance Free Lead Acid Batteries
	Replacement Battery Part Number	UPX-RPLBATT-E	UPX-RPLBATT-F	UPX-RPLBATT-C	UPX-RPLBATT-G

# NEXSYS ONLINE UPS BACKUP POWER SYSTEMS

## ELECTRICAL SPECIFICATIONS

### NEXSYS Online UPS (Continued)

		UPX-OL1000R-2 UPX-RLNK-OL1000R-2 UPX-RLNK-OL1000R-8	UPX-OL1500R-2 UPX-RLNK-OL1500R-2 UPX-RLNK-OL1500R-8	UPX-OL2000R-2 UPX-RLNK-OL2000R-2 UPX-RLNK-OL2000R-8	UPX-OL3000R-2 UPX-RLNK-OL3000R-2 UPX-RLNK-OL3000R-6
ENVIRONMENT	Operating Temperature & Relative Humidity	32°F (0 c) - 104°F (40 c) 0% - 95% Non-condensing			
	Storage Temperature	5°F (-15 c) - 113°F (45 c)			
COMMUNICATION	NEXSYS Management Software	Supports Windows® 7/8/10/11 and Windows Server 2008, 2012, 2016, 2019 Windows 2008/2012 Server Core, Hyper-V 2008/2012			
	Ports	USB, RS232, EPO, Dry Contacts, EXB Auto Detect and RackLink Network Card Option			
CONTROL	Load Shed	Programmable Bank 1 and Bank 2 (standard) / Programmable Individual Outlet (optional)			
	Active On/Off	Manually turn power receptacles on or off using the front panel LCD or the UPS Manager Software			
	Scheduling	Fully programmable scheduling available for bank or outlet switching (based on the model purchased)			
RACKLINK NETWORK CARD OPTION	Features	SNMP V3, HTTP, HTTPS, TLS 1.2, SSH, Imbedded Web GUI w/ Dashboard. RADIUS, TCP/IP, Telnet, FTP			
FRONT LCD INTERFACE	Notification	LED = Normal Mode, Bypass Mode, Battery Mode, Internal Fault, Battery Fault			
	Audible Alarms	On Battery, Low Battery, Battery Disconnected, Fault or Overload			
DIMENSIONS	Width (W) x Height (H) x Depth (D)	17.3" (440mm) x 3.4" (86.5mm) x 17.3" (440mm)			17.3" (440mm) x 3.4" (86.5mm) x 23.6" (600mm)
WEIGHT	Product Weight	32.4 lbs (14.7kg)	45.7 lbs (20.7kg)	46.3 lbs (21.1kg)	67.3 lbs (30.5kg)
	Shipping Weight	38.9 lbs (17.6kg)	52.1 lbs (23.6kg)	52.7 lbs (23.9kg)	75.6 lbs (34.3kg)
CERTIFICATIONS	Safety Standards	cTUVus (Tested to UL 1778 & CAN CSA-C22.2 standards)			
	EMI Standards	FCC Class A			
	Environmental	RoHS 3 / REACH Compliant			
	Energy Efficiency	Energy Star 2.0			
FEATURES	Load Shedding	Yes			
	Site fault detection	Yes			
	Cold Start	Yes			
WARRANTY	Standard	3 Years Limited (2 Years Battery)			

# NEXSYS ONLINE UPS BACKUP POWER SYSTEMS

## ELECTRICAL SPECIFICATIONS

### NEXSYS Online UPS Expandable Runtime Battery Option (EBR)

		UPX-EXPANRUN-OL10	UPX-EXPANRUN-OL15	UPX-EXPANRUN-OL20	UPX-EXPANRUN-OL30
SUMMARY	UPS + 1 ERB Full Load/Half Load Runtime	10/39 minutes	12/41 minutes	10/39 minutes	12/39 minutes
	UPS + 2 ERB Full Load/Half Load Runtime	20/78 minutes	25/80 minutes	21/78 minutes	23/77 minutes
	UPS + 3 ERB Full Load/Half Load Runtime	31/116 minutes	38/125 minutes	32/116 minutes	33/115 minutes
	UPS + 4 ERB Full Load/Half Load Runtime	42/163 minutes	542/170 minutes	44/163 minutes	48/162 minutes
BATTERY	Recharge Time	6-8HRS			
	Battery Maintenance	Hot Swappable Front Access			
	Battery Pack Voltage	24V DC	48V DC	72V DC	
	Battery Pack Details	(2) 12V 9Ah Sealed Maintenance Free Lead Acid	(4) 12V 7Ah Sealed Maintenance Free Lead Acid	(4) 12V 9Ah Sealed Maintenance Free Lead Acid	(6) 12V 9Ah Sealed Maintenance Free Lead Acid
	Replacement Battery Part Number	UPX-RPLBATT-E (requires two batteries)	UPX-RPLBATT-F (requires two batteries)	UPX-RPLBATT-C (requires two batteries)	UPX-RPLBATT-G (requires two batteries)
DIMENSIONS	Width x Height x Dept	17.3" (440mm) x 3.4" (86.5mm) x 17.3" (440mm)			17.3"(440mm) x 3.4"(86.5mm) x 23.6"(600mm)
WEIGHT	Product Weight	41.4 lbs (18.8kg)	61.7 lbs (28.0kg)	63.9 lbs (29.0kg)	91.1lbs (41.3kg)
	Shipping Weight	49.6 lbs (22.5kg)	69.9 lbs (31.7kg)	72.1 lbs (32.7kg)	100.5 lbs (45.6kg)
WEIGHT	Safety Standards	cTUVus / Tested to UL 1778 & CAN CSA-C22.2			
	EMI Standards	FCC Class A			
	Environmental	RoHS / REACH Compliant			
	Warranty	Three Years Limited (2 Years Battery)			

LEGRAND | AV COMMERCIAL BRANDS  
C2G | Chief | Da-Lite | Luxul | Middle Atlantic | Vaddio | Wiremold

WHAT GREAT SYSTEMS ARE BUILT ON™ | [legrandav.com](http://legrandav.com)

USA 800.266.7225 [av.middleatlantic.support@legrand.com](mailto:av.middleatlantic.support@legrand.com) CANADA 888.766.9770 [av.middleatlantic.support@legrand.com](mailto:av.middleatlantic.support@legrand.com)

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