

Line Interactive UPS



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 via RackLink™
- All NEXSYS UPSs have a Pure Sine Wave output and AVR (automatic voltage regulation) providing the cleanest power to your connected equipment, especially the most sensitive equipment
- 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
- The NEXSYS Power Management Software on your PC allows you to customize and configure various settings and notifications
- 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 PC, Apple or Android devices and connect directly to the UPS
- Set reminders or notifications for things like battery replacement, etc. via email or on the UPS
- Front panel LCD screen shows UPS Device Name, Model Number, Serial Number, Replacement Battery Number, Battery Install Date, Firmware Version and where applicable, RackLink Network card IP address and MAC address
- 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
 - All UPSs include a 6' (1.8m) IEC power cord
- Energy Star Certified
- U.S. Department of Energy Compliant for energy efficiency



Shown: 2000VA model with RackLink™ and Individual Outlet Control



NEXSYS Expandable Run Time Unit

SPECIFICATIONS

Rackmount UPS

Rackmount Uninterruptible Power Supply (UPS) shall be Middle Atlantic Products model # UPX-___ R-2 or UPX-RLNK-___ (refer to chart). UPS shall be line interactive with AVR. 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 a rear mounting range of 20" to 36". 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 0.9. 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 (8) NEMA 5-___ receptacles on the rear of the unit (refer to chart). Unit shall have all 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. Rackmount UPS shall include an IEC-C13 detachable 6' (1.83m) SignalSAFE™ power cord with NEMA ___ (refer to chart) plug. 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 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 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-___ (refer to chart). UPX-EXPANRUN-10-15 shall be suitable for use with UPX-1_00R-2 and UPX-RLNK-1_00R-___ (refer to chart). UPX-EXPANRUN-20 shall be suitable for use with UPX-2000R-2 and UPX-RLNK-2000R-___ UPS-2200R. UPS-EBPR shall measure 19.00" W x 3.50" H x ___ " D (refer to chart for depth) and occupy 2 rack spaces. UPS-EBPR 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 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 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.

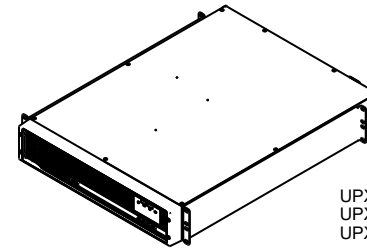
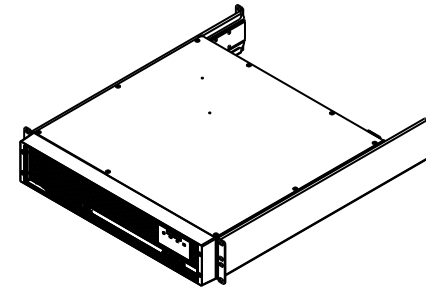
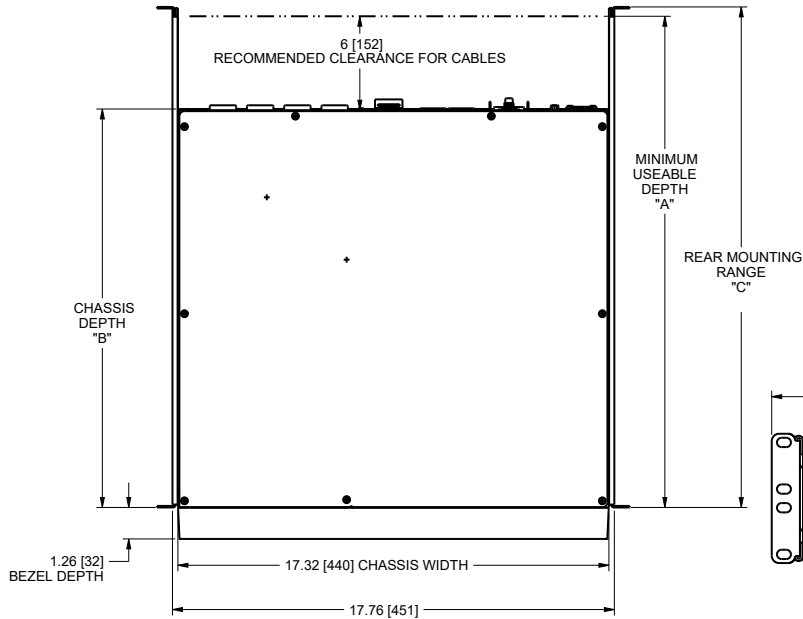


BASIC DIMENSIONS

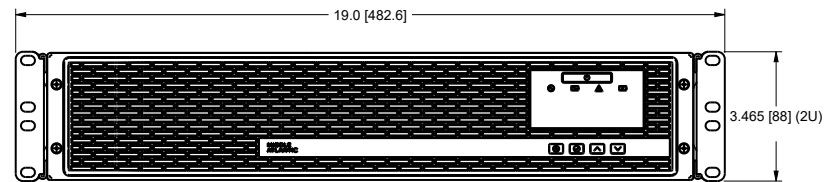
LINE INTERACTIVE UPS

| MODEL# | TITLE | MINIMUM USEABLE DEPTH "A" | CHASSIS DEPTH "B" | REAR MOUNTING RANGE "C" | AMPERAGE RATING |
|------------------|-------------------------------------|---------------------------|-------------------|-------------------------|-----------------|
| UPX-1000R-2 | 1000VA 120V UPS LOCAL BANK CONTROL | 22 [559] | 16 [406] | 20-36 [508-915] | 15AMP |
| UPX-1500R-2 | 1500VA 120V UPS LOCAL BANK CONTROL | 22 [559] | 16 [406] | 20-36 [508-915] | 15AMP |
| UPX-2000R-2 | 2000VA 120V UPS LOCAL BANK CONTROL | 28 [711] | 22 [559] | 20-36 [508-915] | 20AMP |
| UPX-RLNK-1000R-2 | 1000VA 120V UPS RLNK BANK CONTROL | 22 [559] | 16 [406] | 20-36 [508-915] | 15AMP |
| UPX-RLNK-1500R-2 | 1500VA 120V UPS RLNK BANK CONTROL | 22 [559] | 16 [406] | 20-36 [508-915] | 15AMP |
| UPX-RLNK-2000R-2 | 2000VA 120V UPS RLNK BANK CONTROL | 28 [711] | 22 [559] | 20-36 [508-915] | 20AMP |
| UPX-RLNK-1000R-8 | 1000VA 120V UPS RLNK OUTLET CONTROL | 22 [559] | 16 [406] | 20-36 [508-915] | 15AMP |
| UPX-RLNK-1500R-8 | 1500VA 120V UPS RLNK OUTLET CONTROL | 22 [559] | 16 [406] | 20-36 [508-915] | 15AMP |
| UPX-RLNK-2000R-8 | 2000VA 120V UPS RLNK OUTLET CONTROL | 28 [711] | 22 [559] | 20-36 [508-915] | 20AMP |

ALL UNITS IN INCHES [MM]



UPX-2000R-2
UPX-RLNK-2000R-2
UPX-RLNK-2000R-8



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On-Q | Projecta | Sanus | Vaddio | Wireworld

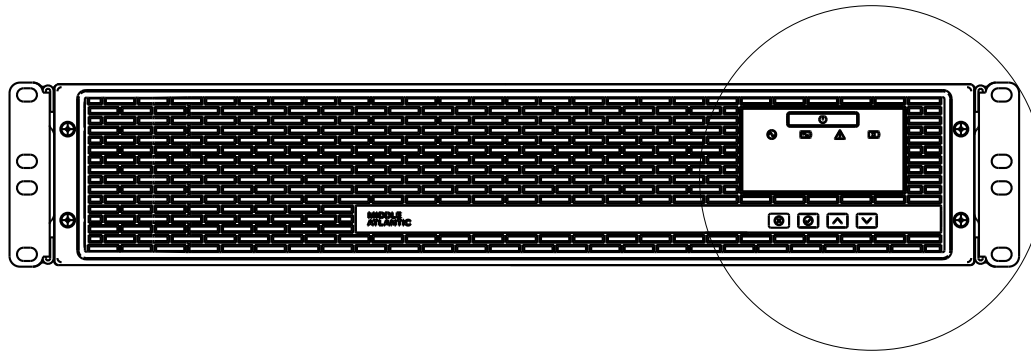
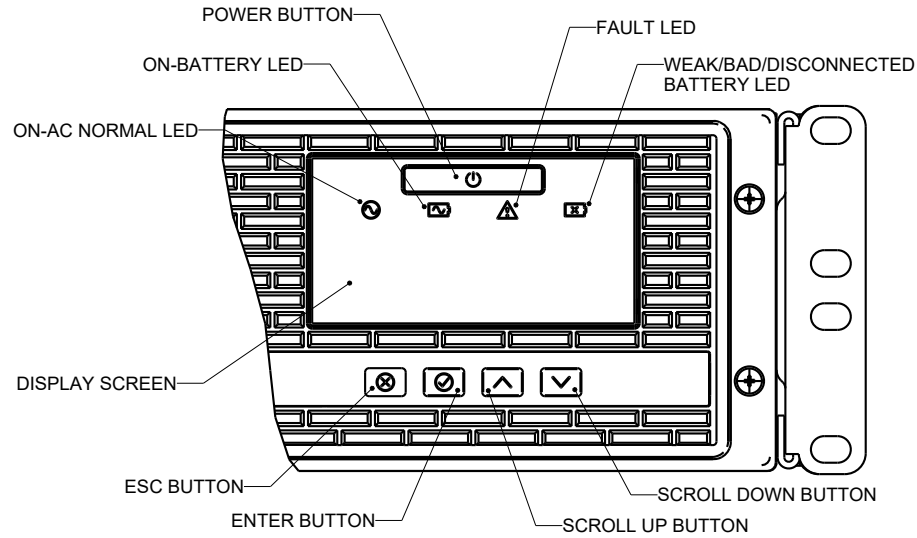
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FRONT LCD PANEL CONTROLS

LINE INTERACTIVE UPS

| MODEL# | TITLE |
|------------------|-------------------------------------|
| UPX-1000R-2 | 1000VA 120V UPS LOCAL BANK CONTROL |
| UPX-1500R-2 | 1500VA 120V UPS LOCAL BANK CONTROL |
| UPX-2000R-2 | 2000VA 120V UPS LOCAL BANK CONTROL |
| UPX-RLNK-1000R-2 | 1000VA 120V UPS RLNK BANK CONTROL |
| UPX-RLNK-1500R-2 | 1500VA 120V UPS RLNK BANK CONTROL |
| UPX-RLNK-2000R-2 | 2000VA 120V UPS RLNK BANK CONTROL |
| UPX-RLNK-1000R-8 | 1000VA 120V UPS RLNK OUTLET CONTROL |
| UPX-RLNK-1500R-8 | 1500VA 120V UPS RLNK OUTLET CONTROL |
| UPX-RLNK-2000R-8 | 2000VA 120V UPS RLNK OUTLET CONTROL |



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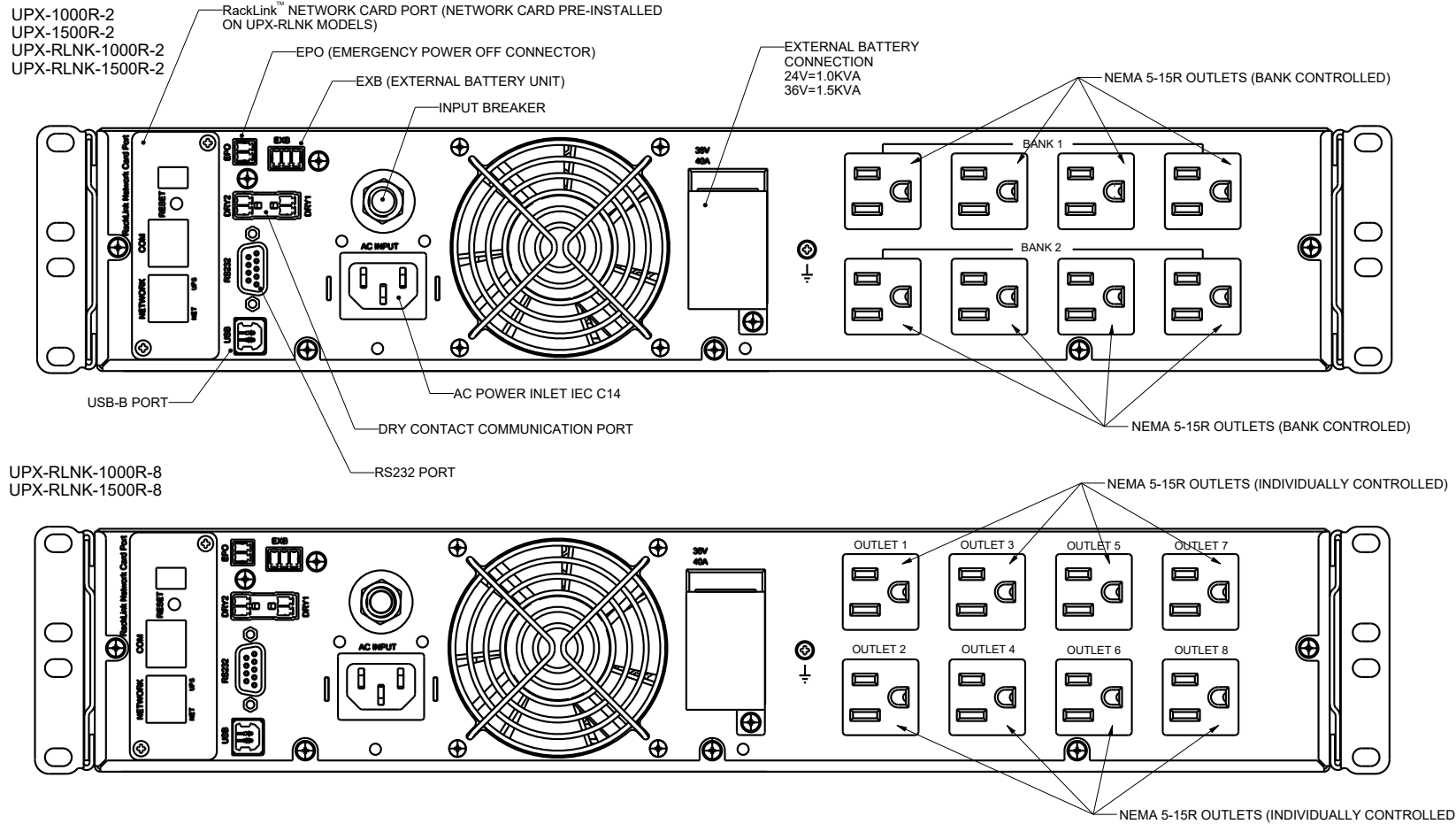
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 On-Q | Projecta | Sanus | Vaddio | Wiremold

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1000VA & 1500VA BACK PANEL

LINE INTERACTIVE UPS



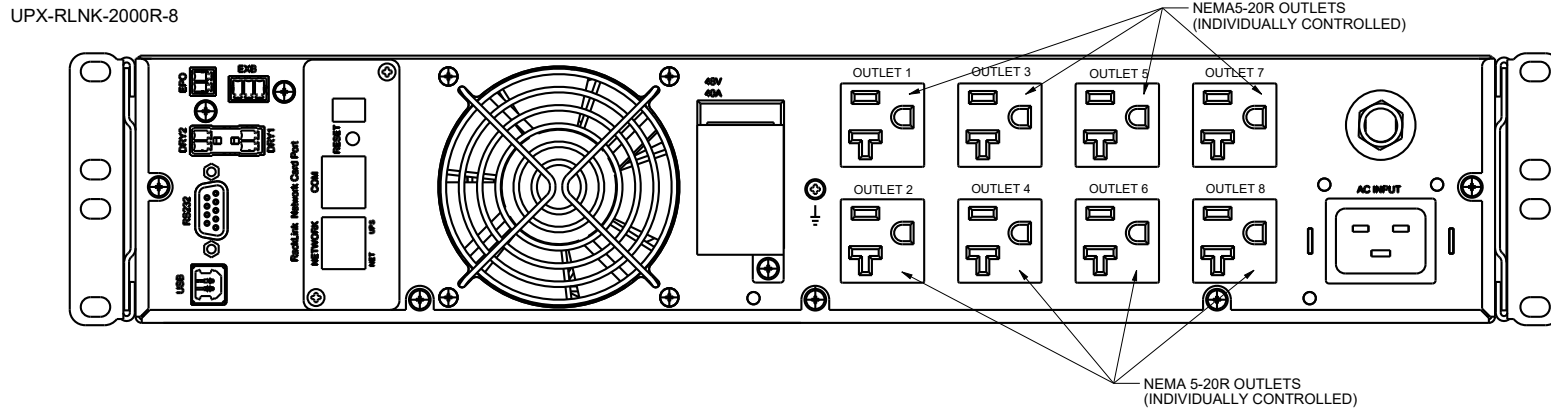
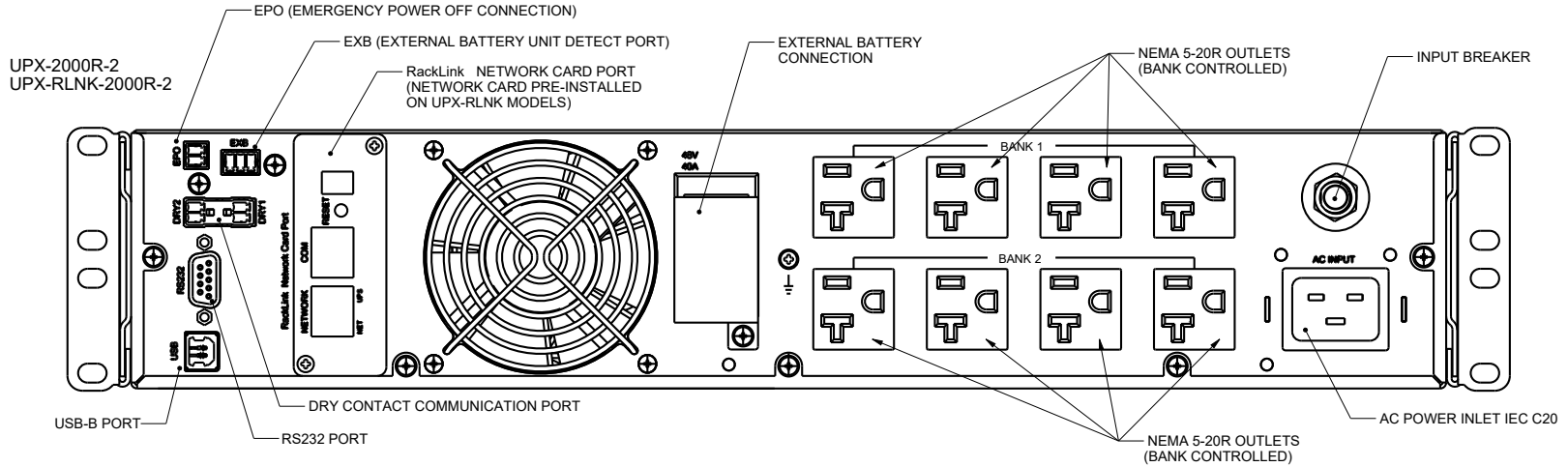
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2000VA BACK PANEL

LINE INTERACTIVE UPS



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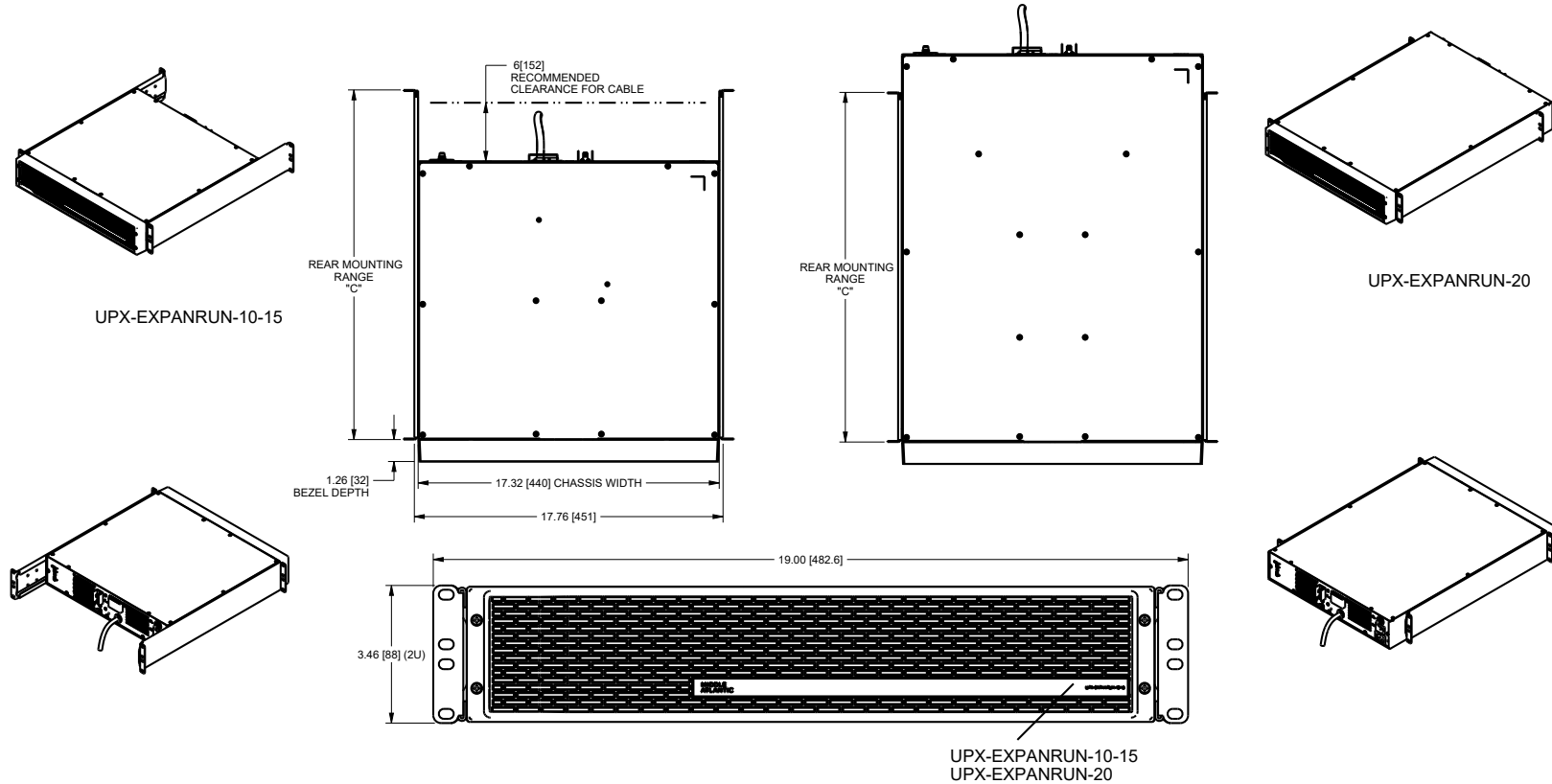
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EXPANDABLE RUN TIME UNIT BASIC DIMENSIONS

LINE INTERACTIVE UPS

| MODEL# | TITLE | MINIMUM USEABLE DEPTH "A" | CHASSIS DEPTH "B" | REAR MOUNTING RANGE "C" | AMPERAGE RATING |
|--------------------|---------------------------------------|---------------------------|-------------------|-------------------------|-----------------|
| UPX-EXPANRUN-10-15 | UPS EXPAND RUNTIME UNIT 1KVA & 1.5KVA | 22 [559] | 16 [406] | 20-36 [508-915] | 15AMP |
| UPX-EXPANRUN-20 | UPS EXPAND RUNTIME UNIT 2KVA | 28 [711] | 22 [559] | 20-36 [508-915] | 20AMP |

ALL UNITS IN INCHES [MM]



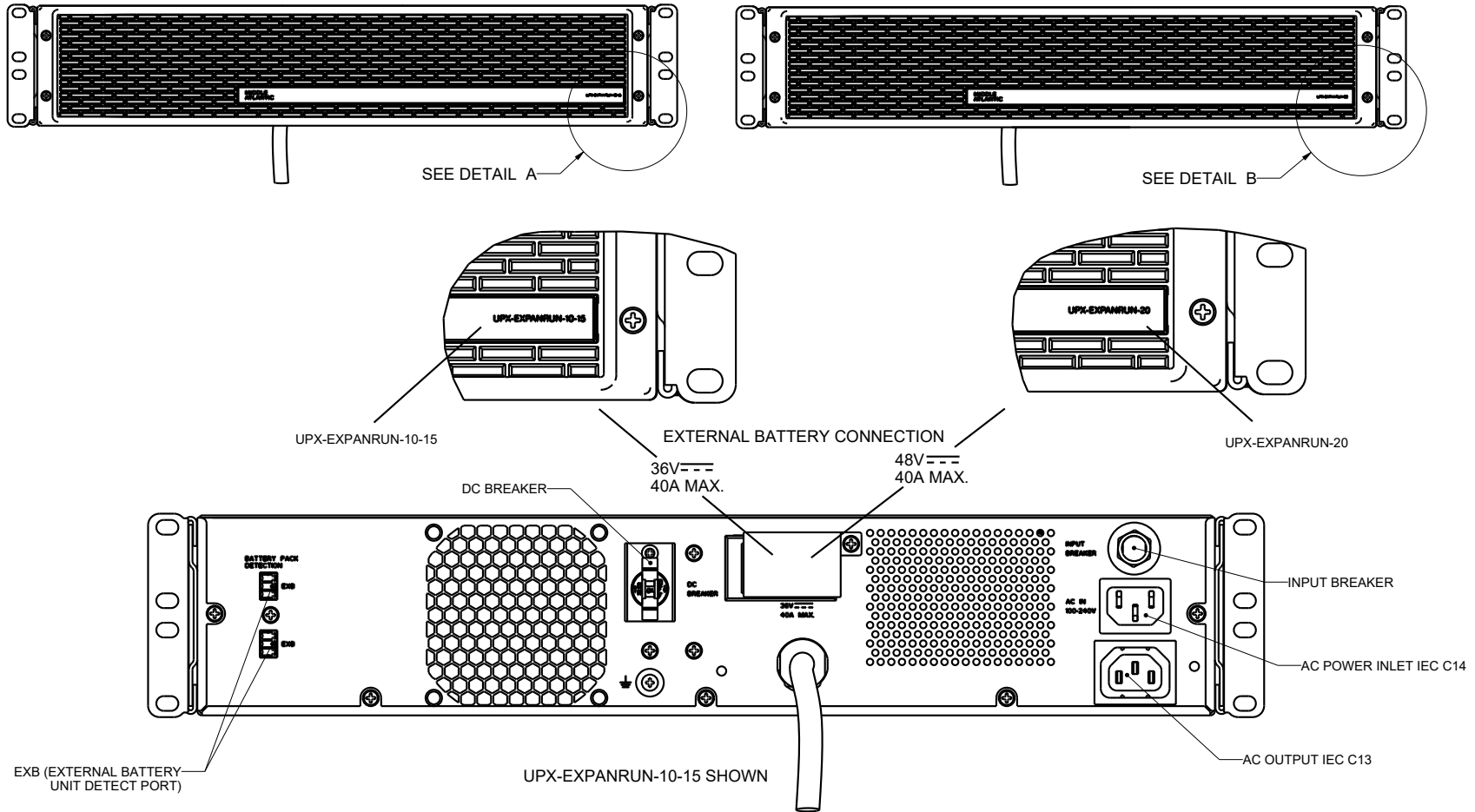
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EXPANDABLE RUN TIME UNIT BACK PANEL

LINE INTERACTIVE UPS



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UPS ELECTRICAL SPECIFICATIONS

LINE INTERACTIVE UPS

| NEXSYS Line Interactive UPS | | | |
|------------------------------------|--|--|--|
| Model | UPX-1000R-2 UPX-RLNK-1000R-2 UPX-RLNK-1000R-8 | UPX-1500R-2 UPX-RLNK-1500R-2 UPX-RLNK-1500R-8 | UPX-2000R-2 UPX-RLNK-2000R-2 UPX-RLNK-2000R-8 |
| UPS Topology | Line Interactive | | |
| VA | 1000VA | 1500VA | 2000VA |
| Watts | 900W | 1350W | 1800W |
| Power Factor | 0.9 | | |
| Input | | | |
| Nominal Voltage | 120 Vac | | |
| Voltage Range | 80 - 158 Vac | | |
| Frequency | 50/60Hz Autosensing | | |
| Sensitivity | Adjustable for Generator application | | |
| Input Power cord type | SignalSAFE IEC to 5-15P 6' (1.83M) | | SignalSAFE IEC to 5-20P 6' (1.83M) |
| Output | | | |
| Waveform on Battery | Pure Sine Wave | | |
| Voltage Regulation | 90Vac min – 146Vac max | | |
| Double Boost | 105Vac and 90Vac | | |
| Double Buck | 130Vac and 146Vac | | |
| Nominal Voltage (Battery Mode) | 120 Vac ±5% | | |
| Selectable Battery Voltage | 110/120/127 Vac ±5% (Note: 110Vac selection derates UPS to 90%) | | |
| On Battery Frequency | 50 Hz or 60 Hz ± 0.5 Hz | | |
| No. of Outlets | 8 | | |
| Outlet type | NEMA 5-15R | | NEMA 5-20R |
| Surge Protection | 1000 joules | | |
| Overload Protection | Circuit Breaker | | |
| Transfer Time | Typical: 4ms Max: 6-10ms | | |
| Fan / Audible Noise | 45dB @ 1m variable speed fan | | 50dB @ 1m variable speed fan |
| Crest Ratio | 3:1 | | |
| Harmonic Distortion | 5% max @ 100% linear load, 12% max @ 100% non-linear load | | |
| BTUs (Line Mode) | 70 | 105 | 140 |
| BTUs (Battery Mode) | 495 | 750 | 990 |
| Full -Load Run Time | 4 minutes | 3 minutes | 3 minutes |
| Half Load Run Time | 13 minutes | 10 minutes | 10 minutes |



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UPS ELECTRICAL SPECIFICATIONS CONTINUED

LINE INTERACTIVE UPS

| | | | |
|---|---|---|---|
| Battery | | | |
| Recharge time | 6-8hrs | | |
| Battery Maintenance | Hot Swappable Front Access | | |
| Battery Pack Voltage | 36VDC | 36VDC | 48VDC |
| Battery Pack Details | (3) 12V 7Ah Sealed Maintenance Free Lead Acid Batteries | (3) 12V 9Ah Sealed Maintenance Free Lead Acid Batteries | (4) 12V 9Ah Sealed Maintenance Free Lead Acid Batteries |
| Replacement Battery Part Number | UPX-RPLBATT-A | UPX-RPLBATT-B | UPX-RPLBATT-C |
| Environment | | | |
| Operating Temperature & Relative Humidity | 32 DEG F (0 c) - 104 DEG F (40 c) 0% - 95% non-condensing | | |
| Storage Temperature | 5 DEG F (-15 c) - 113 DEG 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, AVR Mode, Battery Mode, Internal Fault, Battery Fault | | |
| Audible Alarms | On Battery, Low Battery, Battery Disconnected, Fault or Overload | | |
| Dimensions | | | |
| Width x Height x Depth | 17.3" (440mm) x 3.4" (86.5mm) x 17.3" (440mm) | | 17.3" (440mm) x 3.4" (86.5mm) x 23.6" (600mm) |



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UPS ELECTRICAL SPECIFICATIONS CONTINUED

LINE INTERACTIVE UPS

| | | |
|-----------------------|---|---------------------|
| Weight | | |
| Product Weight | 44.1 lbs. (20kg) | 63.05 lbs. (28.6kg) |
| Shipping Weight | 54 lbs. (24.5kg) | 71 lbs. (32.2kg) |
| 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 (2Years Battery)
For warranty information, refer to legrandav.com/policies/warranty_information

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EXPANDABLE RUN TIME UNIT ELECTRICAL SPECIFICATIONS

LINE INTERACTIVE UPS

| NEXSYS Line Interactive UPS Expandable Runtime Battery Option (EBR) | | | |
|---|--|----------------|---|
| Model | UPX-EXPANRUN-10-15 | | UPX-EXPANRUN-20 |
| UPS + 1 ERB Full Load/Half Load runtime | 23/55 minutes | 12/37 minutes | 17/42 minutes |
| UPS + 2 ERB Full Load/Half Load runtime | 43/105 minutes | 28/74 minutes | 33/83 minutes |
| UPS + 3 ERB Full Load/Half Load runtime | 68/164 minutes | 43/111 minutes | 50/135 minutes |
| UPS + 4 ERB Full Load/Half Load runtime | 93/222 minutes | 60/154 minutes | 71/178 minutes |
| Battery | | | |
| Recharge time | 6-8hrs | | |
| Battery Maintenance | Hot Swappable Front Access | | |
| Battery Pack Voltage | 36VDC | | 48VDC |
| Battery Pack Details | (3) 12V 7Ah Sealed Maintenance Free Lead Acid Batteries | | (4) 12V 9Ah Sealed Maintenance Free Lead Acid Batteries. Stacked |
| Replacement Battery Part Number | UPX-RPLBATT-A (requires two) | | UPX-RPLBATT-D (requires two) |
| Dimensions | | | |
| Width x Height x Depth | 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 | 52.0 lbs. (23.6kg) | | 70.1 lbs. (31.8kg) |
| Shipping Weight | 58.4 lbs. (26.5kg) | | 78.5 lbs. (35.6kg) |
| Certifications | | | |
| Safety Standards | cTUVus Tested to UL 1778 & CAN CSA-C22.2 standards | | |
| EMI Standards | FCC Class A | | |
| Environmental | RoHS 3 / REACH Compliant | | |

Warranty Standard

3 Years Limited (2Years Battery)
For warranty information, refer to legrandav.com/policies/warranty_information



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On-Q | Projecta | Sanus | Vaddio | Wiremold

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