

## SmartOnline 120V 3kVA 2.4kW On-Line Double-Conversion UPS, 3U Rack/Tower, Extended Run, WEBCARDLX Network Interface

## MODEL NUMBER: SU3000RTXL3UN







Protects connected mission-critical equipment against damage, downtime and data loss due to blackouts, brownouts, power surges and line noise. Pre-installed WEBCARDLX network interface permits remote UPS management.

#### **Features**

## **Protects Mission-Critical Rack-Mounted Equipment**

- 120V 50/60 Hz output voltage with 0.8 power factor
- +/-2% voltage regulation in online and battery modes
- 4 breakered NEMA 5-15/20R, 4 breakered 5-15R and 1 non-breakered L5-30R outlets
- 10-ft. (3.05 m) AC power cord with NEMA L5-30P input plug
- 510 joules for combating EMI/RFI line noise that can distort or destroy data

## Reliable Battery Backup with Expandable Runtime

- Supports half load for 14 min. and full load for 5 min.
- · Zero transfer time between AC power and battery operation keeps network running during blackouts
- Expandable runtime with optional external battery packs, such as BP72V15-2U

#### **Pre-Installed WEBCARDLX Network Interface**

- Allows full remote access for power monitoring, configuration, control and email notifications via secure web browser, SNMP, telnet or SSH
- Supports 10/100 Mbps auto-sensing for communication with an Ethernet network
- No Java required

## **Broad Communications Compatibility**

- Supports IPv4, IPv6, HTTP, HTTPS, SMTP, SNMPv1, SNMPv2, SNMPv3, telnet, SSH, FTP, DHCP and NTP
- Supports automatic and manual assignment of IP address

## **Highlights**

- Zero transfer time suitable for advanced network applications
- +/-2% output voltage regulation in online and battery modes
- Expandable runtime with optional external battery packs
- Pre-installed WEBCARDLX network interface for remote UPS access
- 14 min. runtime at half load; 5 min. at full load
- To enable the Auto Probe feature, this product requires LX firmware update 15.5.2 or later to be installed

## **Package Includes**

- SU3000RTXL3UN SmartOnline 120V 3kVA 2.4kW On-Line Double-Conversion UPS
- Pre-installed WEBCARDLX network interface
- USB cable
- DB9 cable
- EPO cable
- Rack-mounting hardware
- · Owner's manual



#### **Optional Economy Mode**

• High 94% efficiency in economy mode cuts BTU heat output, power consumption and energy costs

#### **Switchable Breakered Load Banks**

NEMA 5-15/20R and 5-15R outlets divided into 2 load banks, each of which may be individually
powered on and off remotely to reset or reboot connected equipment

#### **Front LED Panel**

- 14 LEDs indicate line power, online mode, economy/bypass mode, on-battery, overload, battery condition and fault status information
- Rotates for viewing in rack and tower formats

#### **USB and DB9 Ports**

 Enable data-saving unattended shutdown with PowerAlert software (available via free download at tripplite.eaton.com/products/power-alert)

## **Versatile Installation Options**

 Mounts in 3U of EIA-standard 19 in. 4-post rack (hardware included), 2-post rack or upright tower position

# **Specifications**

OVERVIEW		
UPC Code	037332181466	
UPS Type	On-Line	
INPUT		
Input Phase	Single-Phase	
Rated input current (Maximum Load)	24A	
Nominal Input Voltage(s) Supported	120V AC	
UPS Input Connection Type	L5-30P	
Input Circuit Breakers	40A	
UPS Input Cord Length (ft.)	10	
UPS Input Cord Length (m)	3.1	
Recommended Electrical Service	30A 120V	
OUTPUT		
Output Capacity (VA)	3000	
Output Capacity (kVA)	3	
Output Capacity (Watts)	2400	



Output Consitu (IAA)	
Output Capacity (kW)	2.4
Output Capacity Details	OVERLOAD CAPACITY: Supports inverter operation up to 105% load continuously, 125% load for 3 minutes; 150% load for 30 seconds and >150% load for 0.5 seconds before switching to BYPASS (when bypass input voltage and frequency are WITHIN bypass limits) or SHUTDOWN (when bypass input voltage or frequency are OUTSIDE bypass limits)
Power Factor	0.8
Crest Factor	3:1
Frequency Compatibility	50 / 60 Hz
Frequency Compatibility Details	Output frequency matches input nominal on startup, defaults to 60 Hz on cold-start
Output Voltage Regulation (Line Mode)	+/- 2%
Output Voltage Regulation (Economy Line Mode)	+/- 10%
Output Voltage Regulation (Battery Mode)	+/- 2%
Load Management Receptacles	Two switchable four-outlet load banks, (bank 1 - four 5-15/20R, bank 2 - four 5-15R outlets)
Output Circuit Breakers	15A branch rated (x2) - each breaker protects 4 outlets, L5-30R is unbreakered
Output AC Waveform (AC Mode)	Sine wave
Output AC Waveform (Battery Mode)	Pure Sine wave
Nominal Output Voltage(s) Supported	120V
Output Receptacles	(4) 5-15R; (4) 5-15/20R; (1) L5-30R
Individually Controllable Load Banks	Yes
BATTERY	
Battery Type	Valve Regulated Lead Acid (VRLA)
Runtime Full Load (min.)	5 min. (2400W)
Runtime Half Load (min.)	14 min. (1200W)
Expandable Runtime	Yes
External Battery Pack Compatibility	<a class="productLink" href="/tripplite.eaton.com/External-72V-2U-RackTower-Battery-Pack-for-Select-Tripp-Lite-UPS-Systems~BP72V15-2U">BP72V15-2U</a> (limit 1); <a class="productLink" href="/tripplite.eaton.com/External-72V-3U-Rack-Tower-Battery-Pack-Select-Tripp-Lite-UPS-systems~BP72V28RT-3U">BP72V28RT-3U</a> (multi-pack compatible); <a class="productLink" href="/tripplite.eaton.com/External-72V-2U-Rack-Tower-Battery-Pack-for-Tripp-Lite-UPS-Systems~BP72V18-2US">BP72V18-2US</a> (multi-pack compatible)
DC System Voltage (VDC)	72
Battery Recharge Rate (Included Batteries)	Less than 6 hours from 10% to 80% (typical, full load discharge)
Battery Access	Front panel battery access door
Internal UPS Replacement Battery Cartridge	<a class="productLink" href="//tripplite.eaton.com/3U-UPS-Replacement-72VDC-Battery-Cartridge-1-set-6-select-Tripp-Lite-SmartOnline-UPS~RBC96-3U">RBC96-3U"&gt;RBC96-3U"RBC96-3U"RBC96-3U"</a>
Battery Replacement Description	Hot-swappable, user replaceable batteries



VOLTAGE REGULATION		
Voltage Regulation Description	Online, double-conversion power conditioning	
Overvoltage Correction	2% output voltage regulation during overvoltages to 150	
Undervoltage Correction	2% output voltage regulation during undervoltages to 80	
Severe Undervoltage Correction	2% output voltage regulation during undervoltages to 65 (under 70% load only)	
USER INTERFACE, ALERTS & CON	TROLS	
Switches	2 switches control off/on power status and alarm-cancel/self-test operation	
Alarm Cancel Operation	Power-fail alarm can be silenced using alarm-cancel switch	
Audible Alarm	Audible alarm indicates UPS startup, power-failure, low-battery, overload, UPS fault and remote shutdown conditions	
LED Indicators	14 LEDs indicate line power, online mode, economy/bypass mode, on-battery, overload, battery low, replace battery and fault status information; 4-LED meter displays load and battery charge levels; LED panel rotates for viewing in rack/tower formats	
SURGE / NOISE SUPPRESSION		
UPS AC Suppression Joule Rating	510	
UPS AC Suppression Response Time	Instantaneous	
UPS Dataline Suppression	1 line TEL/DSL (1 in / 1 out); 10/100Base T Ethernet	
EMI / RFI AC Noise Suppression	Yes	
PHYSICAL		
Primary Form Factor	Rackmount	
Rack Height	3U	
Cooling Method	Fan	
Included Mounting Accessory Description	Includes 4 post rackmount installation accessories	
Installation Form Factors Supported with Included Accessories	4 post 19 inch rackmount	
Installation Form Factors Supported with Optional Accessories	2 post rackmount ( <a class="productLink" href="//tripplite.eaton.com/2-Post-Rack-Mount-Installation-Kit-3U-Larger-UPS-Transformer-Battery-Pack-Components~2POSTRMKITHD">2POSTRMKITHD</a> ); Tower ( <a class="productLink" href="//tripplite.eaton.com/2U-9U-Tower-Stand-Kit-select-Rack-Mount-UPS-Systems~2-9USTAND">2-9USTAND</a> )	
Minimum Required Rack Depth (cm)	73.66	
Minimum Required Rack Depth (inches)	29	
Minimum Required Rack Depth with External Battery Pack (cm)	81	
Minimum Required Rack Depth with External Battery Pack (in.)	32	
Minimum Required Rack Depth without External Battery Pack (cm)	80	



Minimum Required Rack-Depth (mm)         56.0           Primary UPS Depth (mm)         66.0           Primary UPS Height (mm)         452           Primary UPS Width (mm)         452           Shipping Dimensions (mvd / m.)         20.00 x 23.00 x 32.50           Shipping Dimensions (mvd / m.)         30.48 x 58.42 x 82.55           Shipping Weight (fbs.)         110.00           Shipping Weight (kg.)         49.90           UPS Power Module Dimensions (mvd / m.)         13.21 x 45.21 x 66.04           UPS Power Module Dimensions (mvd / m.)         32.2 x 47.8 x 26           UPS Power Module Dimensions (mvd / m.)         33.48           UPS Power Module Dimensions (mvd / m.)         73.8           UPS Power Module Weight (flg.)         33.67           UPS Power Module Weight (flg.)         73.8           UPS Power Module Weight (flg.)         33.57           ENVIRONMENTAL         74.0000           ENVIRONMENTAL         50.000           Power Medule Weight (flg.)         35.27           Storage Temperature Range         5° to 122°F (15° to 50°C)           Relative Humidity         0 to 95%, non-condensing           AC Economy Mode Efficiency Rating (m.)         34%           Clinica Mode Heat Dissipation (m.)         1117           Cl		
Primary UPS Height (mm)         132           Primary UPS Width (mm)         452           Shipping Dimensions (fwd / m.)         120 x 23.00 x 32.50           Shipping Dimensions (fwd / cm)         30.48 x 58.42 x 82.55           Shipping Weight (fkg)         49.90           UPS Housing Material         Steel           UPS Power Module Dimensions (fwd / cm)         51.21 x 45.21 x 66.04           UPS Power Module Dimensions (fwd , m.)         52 x 17.8 x 26           (fwd, fn.)         33.48           UPS Power Module Weight (fg)         33.48           UPS Power Module Weight (fg)         33.57           ENVIRONMENTAL           Operating Temperature Range         32* to 104*F (f* to 40*C)           Storage Temperature Range         5* to 122*F (-15* to 50*C)           Relative Humidity         0 to 95%, non-condensing           AC Economy Mode BTU / Hr. (Full Load)         1117           AC Economy Mode Efficiency Rating (100*C) Load)         44%           COMMUNICATIONS         1224           COMMUNICATIONS           Network Management Cards         MEBCARDIX           Network Management Cards         MEBCARDIX           Network Management Cards         Includes pre-installed Network Management Card. BB9 port supports R522 and contact closure communi	Minimum Required Rack Depth without External Battery Pack (in.)	31.5
Primary UPS Width (mm)         452           Shipping Dimensions (hwd / in.)         12.00 x 23.00 x 32.50           Shipping Dimensions (hwd / om)         30.48 x 58.42 x 82.55           Shipping Weight (kb.)         49.90           UPS Housing Material         Steel           UPS Power Module Dimensions (hwd , om)         33.21 x 45.21 x 66.04           UPS Power Module Dimensions (hwd , om)         5.2 x 17.8 x 26           UPS Power Module Weight (kg.)         33.48           UPS Power Module Weight (bs.)         73.8           UPS Power Module Weight (bs.)         73.8           1 mit Weight (kg)         33.57           ENVIRONMENTAL           Coperating Temperature Range         32° to 104°F (0° to 40°C)           Storage Temperature Range         5° to 122°F (15° to 50°C)           Relative Humidity         0 to 95%, non-condensing           AC Concomy Mode BTU / Hr. (Full Load)         1117           AC Economy Mode BTU / Hr. (Full Load)         1117           AC Economy Mode Efficiency Rating (100% Load)         1424           COMMUNICATIONS           Network Management Cards         WEBCARDLX           Network Management Cards         WEBCARDLX           Network Monitoring Port Description (100 mit port Description)         Per Loc	Primary UPS Depth (mm)	660
Shipping Dimensions (hwd / in.)         12.00 x 23.00 x 32.50           Shipping Dimensions (hwd / cm)         30.48 x 58.42 x 82.55           Shipping Weight (lbs.)         110.00           Shipping Weight (kg)         49.90           UPS Housing Material         Steel           UPS Power Module Dimensions (hwd / cm)         13.21 x 45.21 x 66.04           UPS Power Module Dimensions (hwd / in.)         33.48           UPS Power Module Weight (kg)         33.48           UPS Power Module Weight (lbs.)         73.8           Unit Weight (lbs.)         74.0000           Unit Weight (lbs.)         74.0000           Unit Weight (lbs.)         74.0000           ENVIRONMENTAL         Storage Temperature Range         5° to 122°F (-15° to 50°C)           Storage Temperature Range         5° to 122°F (-15° to 50°C)           Relative Humidity         0 to 95%, non-condensing           AC Economy Mode BTU / Hr. (Full Load)         1117           CAC Economy Mode BTU / Hr. (Full Load)         1117           AC Economy Mode Efficiency Rating (BTU) Hr. (Full Load)         1117           Children Mode Hast Dissipation (BTU) Hr. (Full Load)         1117           Communications (BTU) Hr. (Full Load)         1117           Communications (BTU) Hr. (Full Load)         1117	Primary UPS Height (mm)	132
Shipping Dimensions (hwd / cm) 30.48 x 58.42 x 82.55  Shipping Weight (lbs.) 110.00  Shipping Weight (kg) 49.90  UPS Housing Material Steel  UPS Power Module Dimensions (hwd, cm) 13.21 x 45.21 x 66.04  UPS Power Module Dimensions 5.2 x 17.8 x 26  UPS Power Module Dimensions (hwd, cm) 5.2 x 17.8 x 26  UPS Power Module Weight (kg) 33.48  UPS Power Module Weight (kg) 73.8  UPS Power Module Weight (kg) 33.57  ENVIRONMENTAL  Operating Temperature Range 5° to 104°F (0° to 40°C)  Storage Temperature Range 5° to 122°F (-15° to 50°C)  Relative Humidity 0 to 95%, non-condensing  AC Mode BTU / Hr. (Full Load) 1117  AC Economy Mode BTU / Hr. (Full Load) 94%  COmine Mode Haat Dissipation (BTU/Hr) (Full Load) 1224  COMMUNICATIONS  Network Management Cards WEBCARDLX  Network Monitoring Port Description Includes pre-installed Network Management Card: DB9 port supports RS232 and contact dosure communications, Network Management Card: DB9 Serial cable commenciation of https://tripplite.eaton.com/products/power-alert	Primary UPS Width (mm)	452
Shipping Weight (lbs.)         110.00           Shipping Weight (kg)         49.90           UPS Housing Material         Steel           UPS Power Module Dimensions (rwd, in.)         13.21 x 45.21 x 66.04           UPS Power Module Dimensions (rwd, in.)         5.2 x 17.8 x 26           UPS Power Module Weight (kg)         33.48           UPS Power Module Weight (lbs.)         74.0000           Unit Weight (kg)         35.57           ENVIRONMENTAL           Operating Temperature Range         32° to 104°F (0° to 40°C)           Storage Temperature Range         5° to 122°F (-15° to 50°C)           Relative Humidity         0 to 95%, non-condensing           AC Mode BTU / Hr. (Full Load)         1117           AC Economy Mode BTU / Hr. (Full Load)         523           AC Economy Mode BTU / Hr. (Full Load)         94%           Colline Mode Heat Dissipation (BTUH) de Full Load         1117           Battery Mode Heat Dissipation (BTUH) de Full Load         1224           COMMUNICATIONS           Network Management Cards         WEBCARDLX           Network Management Cards         WEBCARDLX Management Card: DB9 port supports RS232 and contact closure communications economy-mode setting option is available using PowerAlert software and DB9 Serial cable connection OR installed           PowerAlert	Shipping Dimensions (hwd / in.)	12.00 x 23.00 x 32.50
Shipping Weight (kg)         49.90           UPS Housing Material         Steel           UPS Power Module Dimensions (twd, cn)         13.21 x 45.21 x 66.04           UPS Power Module Dimensions (twd, n.)         5.2 x 17.8 x 26           UPS Power Module Weight (kg)         33.48           UPS Power Module Weight (bs.)         73.8           UPS Power Module Weight (kg.)         33.57           ENVIRONMENTAL           Operating Temperature Range         32° to 104°F (0° to 40°C)           Storage Temperature Range         5° to 122°F (-15° to 50°C)           Relative Humidity         0 to 95%, non-condensing           AC Mode BTU / Hr. (Full Load)         1117           AC Economy Mode BTU / Hr. (Full Load)         44%           AC Economy Mode Efficiency Rating (ATU) Hr. (Full Load)         44%           AC Economy Mode Efficiency Rating (ATU) Hr. (Full Load)         1117           Battery Mode Heat Dissipation (BTU) Hr. (Full Load)         1117           Battery Mode Heat Dissipation (BTU) Hr. (Full Load)         11224           COMMUNICATIONS           Network Management Cards         WEBCARDLX           Network Management Cards         WEBCARDLX           Network Management Cards (Annex Management Card (Annex Management Card (Annex Management Card (Annex Management Card (Annex M	Shipping Dimensions (hwd / cm)	30.48 x 58.42 x 82.55
UPS Housing Material Steel  UPS Power Module Dimensions (nwd, cm)  13.21 x 45.21 x 66.04  UPS Power Module Dimensions (5.2 x 17.8 x 26  UPS Power Module Weight (kg)  33.48  UPS Power Module Weight (kg)  73.8  UPS Power Module Weight (lbs.)  74.0000  Unit Weight (kg)  33.57  ENVIRONMENTAL  Operating Temperature Range  32° to 104°F (0° to 40°C)  Storage Temperature Range  5° to 122°F (-15° to 50°C)  Relative Humidity  0 to 95%, non-condensing  AC Mode BTU / Hr. (Full Load)  AC Economy Mode BTU / Hr. (Full 23  AC Economy Mode BTU / Hr. (Full 24)  AC Economy Mode BTU / Hr. (Full 26)  AC Economy Mode Heat Dissipation (8TU)  (BTU/Hr) @ Full Load  1117  Battery Mode Heat Dissipation (15TU)  (BTU/Hr) @ Full Load  Detter Mode Heat Dissipation (15TU)  (BTU/Hr) @ Full Load  Detter Mode Heat Dissipation (15TU)  (BTU/Hr) @ Full Load  Detter Mode Heat Dissipation (15TU)  (BTU/Hr) @ Full Load  Detter Mode Heat Dissipation (15TU)  (BTU/Hr) @ Full Load  Detter Mode Heat Dissipation (15TU)  Battery Mode Heat Dissipation (1	Shipping Weight (lbs.)	110.00
UPS Power Module Dimensions (hwd, cm)         13.21 x 45.21 x 66.04           UPS Power Module Dimensions (hwd, cm)         5.2 x 17.8 x 26           UPS Power Module Weight (kg)         33.48           UPS Power Module Weight (bs.)         73.8           Unit Weight (kg)         33.57           ENVIRONMENTAL           Operating Temperature Range         32° to 104°F (0° to 40°C)           Storage Temperature Range         5° to 122°F (15° to 50°C)           Relative Humidity         0 to 95%, non-condensing           AC Mode BTU / Hr. (Full Load)         1117           AC Economy Mode BTU / Hr. (Full Load)         23.3           AC Economy Mode BTU / Hr. (Full Load)         1117           AC Economy Mode Heat Dissipation (100% Load)         1117           Battery Mode Heat Dissipation (100% Load)         1124           COMMUNICATIONS         1224           Network Management Cards         WEBCARDLX           Network Monitoring Port Description (100% Load)         Includes pre-installed Network Management Card; DB9 port supports RS232 and contact closure communications; Network Management Card; DB9 port supports RS232 and contact closure communications (100% Network Management Card; DB9 port supports RS232 and contact closure communications (100% Network Management Card; DB9 port supports RS232 and contact closure communications (100% Network Management Card; DB9 port supports RS232 and contact closure communications (100% Netw	Shipping Weight (kg)	49.90
(hwd, cm)         13.61 x 49.61 x 80.04           UPS Power Module Dimensions (hwd, in.)         52 x 17.8 x 26           UPS Power Module Weight (kg)         33.48           UPS Power Module Weight (lbs.)         74.0000           Unit Weight (kg)         33.57           ENVIRONMENTAL           Operating Temperature Range         32° to 104°F (0° to 40°C)           Storage Temperature Range         5° to 122°F (-15° to 50°C)           Relative Humidity         0 to 95%, non-condensing           AC Mode BTU / Hr. (Full Load)         523           AC Economy Mode BTU / Hr. (Full Load)         523           AC Economy Mode Efficiency Rating (10% Load)         1117           AC Economy Mode Heat Dissipation (BTU/Hr) (© Full Load)         1117           Battery Mode Heat Dissipation (BTU/Hr) (© Full Load)         1224           COMMUNICATIONS           Network Management Cards         WEBCARDLX           Network Monitoring Port Descripton (Port Card)         Includes pre-installed Network Management Card: DB9 port supports RS232 and contact closure communications extenting option is available using PowerAlert software and DB9 Serial cable connection OR installed withps://tripplite.eaton.com/products/power-alert	UPS Housing Material	Steel
(hwd, in.)     5.4 X 17.8 X 26       UPS Power Module Weight (kg)     33.48       Unit Weight (lbs.)     74.0000       Unit Weight (kg)     33.57       ENVIRONMENTAL       Operating Temperature Range     32° to 104°F (0° to 40°C)       Storage Temperature Range     5° to 122°F (-15° to 50°C)       Relative Humidity     0 to 95%, non-condensing       AC Mode BTU / Hr. (Full Load)     1117       AC Economy Mode BTU / Hr. (Full Load)     523       AC Economy Mode Efficiency Rating (BTU/Hr) @ Full Load     94%       Online Mode Heat Dissipation (BTU/Hr) @ Full Load     1117       Eattery Mode Heat Dissipation (BTU/Hr) @ Full Load     1224       COMMUNICATIONS       Network Management Cards     WEBCARDLX       Network Monitoring Port Description     Includes pre-installed Network Management Card: DB9 port supports RS232 and contact closure communications; Economy-mode setting option is available using PowerAlert software and DB9 Serial cable connection OR installed       PowerAlert Software     For local monitoring via the UPS's built-in communication ports, download PowerAlert software at https://tripplite.eaton.com/products/power-alert		13.21 x 45.21 x 66.04
UPS Power Module Weight (lbs.) 73.8  Unit Weight (lbs.) 74.0000  Unit Weight (kg) 33.57  ENVIRONMENTAL  Operating Temperature Range 32° to 104°F (0° to 40°C)  Storage Temperature Range 5° to 122°F (-15° to 50°C)  Relative Humidity 0 to 95%, non-condensing  AC Mode BTU / Hr. (Full Load) 1117  AC Economy Mode BTU / Hr. (Full 523  AC Economy Mode Efficiency Rating (100% Load) 94%  Online Mode Heat Dissipation (BTU/Hr) @ Full Load 1117  Battery Mode Heat Dissipation (BTU/Hr) @ Full Load 1224  COMMUNICATIONS  Network Management Cards WEBCARDLX  Network Monitoring Port Description Includes pre-installed Network Management Card: DB9 port supports RS232 and contact closure communications; Economy-mode setting option is available using PowerAlert software and DB9 Serial cable connection OR installed Network Management Card: DB9 port supports RS232 and contact closure communications; Economy-mode setting option is available using PowerAlert software and DB9 Serial cable connection OR installed Network Management Card DB9 Serial cable connection OR installed Network Management Card DB9 Serial cable connection OR installed Network Management Card DB9 Serial cable connection OR installed Network Management Card DB9 Serial cable connection OR installed Network Management Card DB9 Serial cable connection OR installed Network Management Card DB9 Serial cable connection OR installed Network Management Card DB9 Serial cable connection OR installed Network Management Card DB9 Serial cable connection OR installed Network Management Card DB9 Serial cable connection OR installed Network Management Card DB9 Serial cable connection OR installed Network Management Card DB9 Serial cable connection OR installed Network Management Card DB9 Serial cable connection OR installed Network Management Card DB9 Serial cable connection OR installed Network Management Card DB9 Serial cable Connection OR installed Network Management Card DB9 Serial Card D		5.2 x 17.8 x 26
Unit Weight (lbs.) 74,0000  Unit Weight (kg) 33.57  ENVIRONMENTAL  Operating Temperature Range 32° to 104°F (0° to 40°C) Storage Temperature Range 5° to 122°F (-15° to 50°C) Relative Humidity 0 to 95%, non-condensing AC Mode BTU / Hr. (Full Load) 1117  AC Economy Mode BTU / Hr. (Full Load) 523  AC Economy Mode BTU / Hr. (Full Load) 94%  Olinia Mode Heat Dissipation (BTU/Hr) © Full Load 1117  Battery Mode Heat Dissipation (BTU/Hr) © Full Load 1224  COMMUNICATIONS  Network Management Cards WEBCARDLX  Network Monitoring Port Description Includes pre-installed Network Management Card; DB9 port supports RS232 and contact closure communications; Economy-mode setting option is available using PowerAlert software and DB9 Serial cable connection OR installed Network Management Card; DB9 powerAlert software and https://tripplite.eaton.com/products/power-alert	UPS Power Module Weight (kg)	33.48
ENVIRONMENTAL  Operating Temperature Range 32° to 104°F (0° to 40°C)  Storage Temperature Range 5° to 122°F (-15° to 50°C)  Relative Humidity 0 to 95%, non-condensing  AC Mode BTU / Hr. (Full Load) 1117  AC Economy Mode BTU / Hr. (Full Load) 523  AC Economy Mode Efficiency Rating 94%  Online Mode Heat Dissipation (BTU/Hr) @ Full Load 1117  Battery Mode Heat Dissipation (BTU/Hr) @ Full Load 1224  COMMUNICATIONS  Network Management Cards WEBCARDLX  Network Monitoring Port Description Includes pre-installed Network Management Card: DB9 port supports RS232 and contact closure communications; Economy-mode setting option is available using PowerAlert software at https://tripplite.eaton.com/products/power-alert	UPS Power Module Weight (lbs.)	73.8
ENVIRONMENTAL  Operating Temperature Range 32° to 104°F (0° to 40°C)  Storage Temperature Range 5° to 122°F (-15° to 50°C)  Relative Humidity 0 to 95%, non-condensing  AC Mode BTU / Hr. (Full Load) 1117  AC Economy Mode BTU / Hr. (Full Load) 523  AC Economy Mode Efficiency Rating (100% Load) 94%  Online Mode Heat Dissipation (BTU/Hr) @ Full Load 1117  Battery Mode Heat Dissipation (BTU/Hr) @ Full Load 124  Eathery Mode Heat Dissipation (BTU/Hr) @ Full Load 124  COMMUNICATIONS  Network Management Cards WEBCARDLX  Network Monitoring Port Description Includes pre-installed Network Management Card; DB9 port supports RS232 and contact closure communications; Economy-mode setting option is available using PowerAlert software and DB9 Serial cable connection OR installed Network Management Card; DB9 powerAlert software and DB9 Serial cable connection OR installed Network Management Card; DB9 powerAlert software and DB9 Serial cable connection OR installed Network Management Card; DB9 powerAlert software and DB9 Serial cable connection OR installed Network Management Card; DB9 DeverAlert software and DB9 Serial cable connection OR installed Network Management Card; DB9 DeverAlert software and DB9 Serial cable connection OR installed Network Management Card; DB9 DeverAlert software and DB9 Serial cable connection OR installed Network Management Card; DB9 DeverAlert software and DB9 Serial cable connection OR installed Network Management Card; DB9 DeverAlert software and DB9 Serial cable connection OR installed Network Management Card; DB9 DeverAlert software and DB9 Serial cable connection OR installed Network Management Card; DB9 DeverAlert software and DB9 Serial cable connection OR installed Network Management Card; DB9 DeverAlert software and DB9 Serial cable connection OR installed Network Management Card; DB9 DeverAlert software and DB9 Serial cable connection OR installed Network Management Card; DB9 DeverAlert software and DB9 Serial cable connection OR installed Network Management Card; DB9 DeverAlert software a	Unit Weight (lbs.)	74.0000
Operating Temperature Range 32° to 104°F (0° to 40°C)  Storage Temperature Range 5° to 122°F (-15° to 50°C)  Relative Humidity 0 to 95%, non-condensing  AC Mode BTU / Hr. (Full Load) 1117  AC Economy Mode BTU / Hr. (Full 523  AC Economy Mode Efficiency Rating (100% Load) 94%  Colline Mode Heat Dissipation (BTU/Hr) © Full Load 1117  Battery Mode Heat Dissipation (BTU/Hr) © Full Load 1224  COMMUNICATIONS  Network Management Cards WEBCARDLX  Network Monitoring Port Description Includes pre-installed Network Management Card; DB9 port supports RS232 and contact closure communications; Economy-mode setting option is available using PowerAlert software at https://tripplite.eaton.com/products/power-alert	Unit Weight (kg)	33.57
Storage Temperature Range 5° to 122°F (-15° to 50°C)  Relative Humidity 0 to 95%, non-condensing  AC Mode BTU / Hr. (Full Load) 1117  AC Economy Mode BTU / Hr. (Full 523  AC Economy Mode Efficiency Rating (100% Load) 94%  Online Mode Heat Dissipation (BTU/Hr) © Full Load 1117  Battery Mode Heat Dissipation (BTU/Hr) © Full Load 1224  COMMUNICATIONS  Network Management Cards WEBCARDLX  Network Monitoring Port Description Includes pre-installed Network Management Card; DB9 port supports RS232 and contact closure communications; Economy-mode setting option is available using PowerAlert software and DB9 Serial cable connection OR installed Network Management Card  PowerAlert Software For local monitoring via the UPS's built-in communication ports, download PowerAlert software at https://tripplite.eaton.com/products/power-alert	ENVIRONMENTAL	
Relative Humidity 0 to 95%, non-condensing  AC Mode BTU / Hr. (Full Load) 1117  AC Economy Mode BTU / Hr. (Full 523  AC Economy Mode Efficiency Rating (100% Load) 94%  Online Mode Heat Dissipation (BTU/Hr) @ Full Load 1117  Battery Mode Heat Dissipation (BTU/Hr) @ Full Load 1224  COMMUNICATIONS  Network Management Cards WEBCARDLX  Network Monitoring Port Description Includes pre-installed Network Management Card; DB9 port supports RS232 and contact closure communications; Economy-mode setting option is available using PowerAlert software and DB9 Serial cable connection OR installed Network Management Card  PowerAlert Software For local monitoring via the UPS's built-in communication ports, download PowerAlert software at https://tripplite.eaton.com/products/power-alert	Operating Temperature Range	32° to 104°F (0° to 40°C)
AC Mode BTU / Hr. (Full Load)  AC Economy Mode BTU / Hr. (Full 523  AC Economy Mode Efficiency Rating (100% Load)  Online Mode Heat Dissipation (BTU/Hr) @ Full Load  Battery Mode Heat Dissipation (BTU/Hr) @ Full Load  Description (BTU/Hr) @ Full Load  COMMUNICATIONS  Network Management Cards  Network Monitoring Port Description Includes pre-installed Network Management Card; DB9 port supports RS232 and contact closure communications; Economy-mode setting option is available using PowerAlert software and DB9 Serial cable connection OR installed Network Management Card  PowerAlert Software  For local monitoring via the UPS's built-in communication ports, download PowerAlert software at https://tripplite.eaton.com/products/power-alert	Storage Temperature Range	5° to 122°F (-15° to 50°C)
AC Economy Mode BTU / Hr. (Full Load)  AC Economy Mode Efficiency Rating (100% Load)  Online Mode Heat Dissipation (BTU/Hr) @ Full Load  Battery Mode Heat Dissipation (BTU/Hr) @ Full Load  1117  COMMUNICATIONS  Network Management Cards  WEBCARDLX  Network Monitoring Port Description Includes pre-installed Network Management Card; DB9 port supports RS232 and contact closure communications; Economy-mode setting option is available using PowerAlert software and DB9 Serial cable connection OR installed Network Management Card  PowerAlert Software  For local monitoring via the UPS's built-in communication ports, download PowerAlert software at https://tripplite.eaton.com/products/power-alert	Relative Humidity	0 to 95%, non-condensing
AC Economy Mode Efficiency Rating (100% Load)  Online Mode Heat Dissipation (BTU/Hr) @ Full Load  Battery Mode Heat Dissipation (BTU/Hr) @ Full Load  COMMUNICATIONS  Network Management Cards  WEBCARDLX  Network Monitoring Port Description Includes pre-installed Network Management Card; DB9 port supports RS232 and contact closure communications; Economy-mode setting option is available using PowerAlert software and DB9 Serial cable connection OR installed  PowerAlert Software  For local monitoring via the UPS's built-in communication ports, download PowerAlert software at https://tripplite.eaton.com/products/power-alert	AC Mode BTU / Hr. (Full Load)	1117
Online Mode Heat Dissipation (BTU/Hr) @ Full Load  Battery Mode Heat Dissipation (BTU/Hr) @ Full Load  1224  COMMUNICATIONS  Network Management Cards  Network Monitoring Port Description  Includes pre-installed Network Management Card; DB9 port supports RS232 and contact closure communications; Economy-mode setting option is available using PowerAlert software and DB9 Serial cable connection OR installed  PowerAlert Software  For local monitoring via the UPS's built-in communication ports, download PowerAlert software at https://tripplite.eaton.com/products/power-alert		523
Battery Mode Heat Dissipation (BTU/Hr) @ Full Load  COMMUNICATIONS  Network Management Cards  Network Monitoring Port Description  Includes pre-installed Network Management Card; DB9 port supports RS232 and contact closure communications; Economy-mode setting option is available using PowerAlert software and DB9 Serial cable connection OR installed  PowerAlert Software  For local monitoring via the UPS's built-in communication ports, download PowerAlert software at https://tripplite.eaton.com/products/power-alert	AC Economy Mode Efficiency Rating (100% Load)	94%
COMMUNICATIONS  Network Management Cards  Network Monitoring Port Description  Includes pre-installed Network Management Card; DB9 port supports RS232 and contact closure communications; Economy-mode setting option is available using PowerAlert software and DB9 Serial cable connection OR installed Network Management Card  PowerAlert Software  For local monitoring via the UPS's built-in communication ports, download PowerAlert software at https://tripplite.eaton.com/products/power-alert		1117
Network Management Cards  Network Monitoring Port Description  Includes pre-installed Network Management Card; DB9 port supports RS232 and contact closure communications; Economy-mode setting option is available using PowerAlert software and DB9 Serial cable connection OR installed Network Management Card  PowerAlert Software  For local monitoring via the UPS's built-in communication ports, download PowerAlert software at https://tripplite.eaton.com/products/power-alert	Battery Mode Heat Dissipation (BTU/Hr) @ Full Load	1224
Network Monitoring Port Description  Includes pre-installed Network Management Card; DB9 port supports RS232 and contact closure communications; Economy-mode setting option is available using PowerAlert software and DB9 Serial cable connection OR installed Network Management Card  PowerAlert Software  For local monitoring via the UPS's built-in communication ports, download PowerAlert software at https://tripplite.eaton.com/products/power-alert	COMMUNICATIONS	
PowerAlert Software  For local monitoring via the UPS's built-in communication ports, download PowerAlert software at https://tripplite.eaton.com/products/power-alert	Network Management Cards	WEBCARDLX
https://tripplite.eaton.com/products/power-alert	Network Monitoring Port Description	Includes pre-installed Network Management Card; DB9 port supports RS232 and contact closure communications; Economy-mode setting option is available using PowerAlert software and DB9 Serial cable connection OR installed Network Management Card
Communications Cable USB and DB9 cabling included	PowerAlert Software	For local monitoring via the UPS's built-in communication ports, download PowerAlert software at https://tripplite.eaton.com/products/power-alert
	Communications Cable	USB and DB9 cabling included



WatchDog Compatibility	Supports Watchdog application, OS and hard-reboot restart options for remote applications
Network Management Card Description	Network management card included
Communications Interface	Contact closure; DB9 Serial; EPO (emergency power off); Pre-installed network card; Slot for SNMP/Web interface; USB (HID enabled)
LINE / BATTERY TRANSFER	
Transfer Time	No transfer time (0 ms.) in online, double-conversion mode
Low Voltage Transfer to Battery Power (Setpoint)	80V (100% load), 65V ( <70% load)
High Voltage Transfer to Battery Power (Setpoint)	150
FEATURES & SPECIFICATIONS	
Cold Start (Startup in Battery Mode During a Power Failure)	Cold-start operation supported
High Availability UPS Features	Auto Probe Monitoring and Reboot (included); Automatic inverter bypass; Hot swappable batteries; Remote management; Surge/noise protection; Zero transfer time
Green Energy-Saving Features	High efficiency economy mode operation; Individually controllable load banks; Schedulable daily hours of economy mode operation
APPLICATIONS	
UPS Applications	Mission Critical Applications
STANDARDS & COMPLIANCE	
Product Certifications	CSA (Canada); NOM (Mexico); UL 1778
Product Compliance	RoHS; FCC Part 15 Class A (USA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	2-year limited warranty
Connected Equipment Insurance (U.S., Canada & Puerto Rico)	\$250,000 <a class="insuranceLink" href="//tripplite.eaton.com/support/insurance-policy">Ultimate Lifetime Insurance</a>



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