

# SmartPro 120V 1.5kVA 1.44kW Line-Interactive Sine Wave UPS, 2U, Extended Run, Network Card Options, USB, 8 Outlets

MODEL NUMBER: **SMART1500CRMXL**



Protects connected mission-critical equipment against damage, downtime and data loss due to blackouts, brownouts, power surges and line noise. Ideal solution for data centers, VoIP systems and network closets.

## Features

### Protects Mission-Critical Rack-Mounted Equipment

- Provides fully regulated sine wave AC output for servers, network storage devices and telecom hardware
- Audible alarm signals loss of utility power, overload and low battery
- 8 NEMA 5-15R outlets
- 10-ft. (3.05 m) power cord with 120V NEMA 5-15P input
- 570-joule surge suppression rating

### Reliable Battery Backup with Expandable Runtime

- Supports half load up to 14 min. and full load up to 6 min.
- Internal batteries designed for hot-swap field replacement
- 97% line-power efficiency rating saves money in energy costs
- Expandable runtime with optional external battery packs, such as BP48V24-2U

### 3 Load Banks with Switchable Outlets

- Can control 3 outlets remotely to reboot equipment or shed nonessential loads

### Automatic Voltage Regulation (AVR)

- Maintains 120V nominal output over input range of 83V-145V without using battery power

### EMI/RFI Line Noise Filtering

- Removes electromagnetic and radio frequency interference that can disrupt or damage equipment's performance

## Highlights

- Corrects under- and overvoltages from 83V to 145V
- 8 NEMA 5-15R outlets—3 switchable via network interface
- Network power management and control capability
- Expandable runtime with optional external battery packs
- 14 min. runtime at half load; 6 min. at full load
- To use the Auto Probe feature, this product requires a WEBCARDLX network interface (sold separately) running LX firmware update 15.5.2 or later

## Package Includes

- SMART1500CRMXL SmartPro 120V 1.5kVA 1.44kW Line-Interactive Sine Wave UPS
- USB cable
- DB9 cable
- EPO cable
- Mounting hardware
- Owner's manual



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#### LED Indicators

- Front-panel LEDs signal indicate line power, battery power, overload, voltage regulation and battery status

#### Network Management Cards

- Compatible with UPS management card options WEBCARDLX and SNMPWEBCARD

#### Communications Ports

- USB & Serial ports enable data-saving unattended shutdown when used with PowerAlert software, available via FREE download from [tripplite.eaton.com/products/power-alert](http://tripplite.eaton.com/products/power-alert)
- EPO port supports emergency shutdown in large facilities

#### Versatile Installation Options

- Hardware included for 4-post mounting in 2U of EIA-standard 19 in. rack
- Mounts on wall or 2-post rack with optional 2POSTRMKITWM accessory
- Mounts in upright tower position with optional 2-9USTAND accessory

## Specifications

OVERVIEW	
UPC Code	037332142115
UPS Type	Line-Interactive
INPUT	
Input Phase	Single-Phase
Rated input current (Maximum Load)	12A
Nominal Input Voltage(s) Supported	120V AC
UPS Input Connection Type	5-15P
Input Circuit Breakers	15A
UPS Input Cord Length (ft.)	10
UPS Input Cord Length (m)	3.1
Recommended Electrical Service	15A 120V
OUTPUT	
Output Capacity (VA)	1500
Output Capacity (kVA)	1.5
Output Capacity (Watts)	1440
Output Capacity (kW)	1.44
Power Factor	1
Nominal Voltage Details	120v nominal output in battery mode

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LED Indicators	5 LEDs indicate line power, battery power, overload, voltage regulation and battery low/replace status
<b>SURGE / NOISE SUPPRESSION</b>	
UPS AC Suppression Joule Rating	570
UPS AC Suppression Response Time	Instantaneous
EMI / RFI AC Noise Suppression	Yes
<b>PHYSICAL</b>	
Primary Form Factor	Rackmount
Rack Height	2U
Cooling Method	Fan
Included Mounting Accessory Description	Included 4POSTRAILKIT mounting bracket enables installation in 4 post racks from 20.5 to 36 inches (521 to 914mm)
Installation Form Factors Supported with Included Accessories	4 post 19 inch rackmount
Installation Form Factors Supported with Optional Accessories	2 post rackmount ( <a href="//tripplite.eaton.com/2-Post-Rack-Mount-Wall-Mount-Adapter-Kit-select-Rack-Mount-UPS-Systems~2POSTRMKITWM">2 post rackmount</a> ); 2-4 post front rail rackmount ( <a href="//tripplite.eaton.com/Heavy-Duty-2-post-Front-Mounting-Ear-Kit~UPSHDEARKIT">2-4 post front rail rackmount</a> ); 4 post rackmount short-depth ( <a href="//tripplite.eaton.com/4-Post-1U-Universal-Adjustable-Rack-Mount-Shelf-Kit-for-Wall-Mount-Racks~4POSTRAILKITWM">4 post rackmount short-depth</a> ); Tower ( <a href="//tripplite.eaton.com/2U-9U-Tower-Stand-Kit-select-Rack-Mount-UPS-Systems~2-9USTAND">Tower</a> ); Wallmount ( <a href="//tripplite.eaton.com/2-Post-Rack-Mount-Wall-Mount-Adapter-Kit-select-Rack-Mount-UPS-Systems~2POSTRMKITWM">Wallmount</a> )
Minimum Required Rack Depth (cm)	58.42
Minimum Required Rack Depth (inches)	23
Minimum Required Rack Depth with External Battery Pack (cm)	67
Minimum Required Rack Depth with External Battery Pack (in.)	26.5
Minimum Required Rack Depth without External Battery Pack (cm)	57
Minimum Required Rack Depth without External Battery Pack (in.)	22.5
Optional Mounting Accessory Notes	Optional <a href="//tripplite.eaton.com/2U-9U-Tower-Stand-Kit-select-Rack-Mount-UPS-Systems~2-9USTAND">2-9USTAND</a> ; enables upright tower UPS placement; <a href="//tripplite.eaton.com/2-Post-Rack-Mount-Wall-Mount-Adapter-Kit-select-Rack-Mount-UPS-Systems~2POSTRMKITWM">2-2POSTRMKITWM</a> ; enables wall-mount and 2-post rackmount installation; <a href="//tripplite.eaton.com/4-Post-1U-Universal-Adjustable-Rack-Mount-Shelf-Kit-for-Wall-Mount-Racks~4POSTRAILKITWM">4-4POSTRAILKITWM</a> ; enables installation in 4-post short-depth racks from 14.5 to 23.5 inches (368 to 597mm); <a href="//tripplite.eaton.com/Heavy-Duty-2-post-Front-Mounting-Ear-Kit~UPSHDEARKIT">Heavy-Duty-2-post-Front-Mounting-Ear-Kit~UPSHDEARKIT</a> ; enables installation in 2 or 4-post racks using front vertical rails only, without rear support
Primary UPS Depth (mm)	493
Primary UPS Height (mm)	87
Primary UPS Width (mm)	439
Shipping Dimensions (hwd / in.)	8.70 x 23.00 x 19.30
Shipping Dimensions (hwd / cm)	22.10 x 58.42 x 49.02



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**TRIPP-LITE**  
by **EATON**

Shipping Weight (lbs.)	68.00
Shipping Weight (kg)	30.84
UPS Housing Material	Steel
UPS Power Module Dimensions (hwd, cm)	8.71 x 43.94 x 49.28
UPS Power Module Dimensions (hwd, in.)	3.43 x 17.3 x 19.4
UPS Power Module Weight (kg)	27.22
UPS Power Module Weight (lbs.)	60
Unit Weight (lbs.)	60.0000
Unit Weight (kg)	27.22
<b>ENVIRONMENTAL</b>	
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)	152
AC Mode Efficiency Rating (100% Load)	97%
Battery Mode Heat Dissipation (BTU/Hr) @ Full Load	546
Audible Noise	45 dBA maximum, front side 1m
<b>COMMUNICATIONS</b>	
Network Management Cards	&nbsp;<a class="productLink" href="//tripplite.eaton.com/Network-Card-Eaton-Tripp-Lite-Series-UPS-Systems~WEBCARDLXE">WEBCARDLXE</a>&nbsp;
Network Monitoring Port Description	Supports detailed monitoring of UPS and site power conditions
PowerAlert Software	For local monitoring via the UPS's built-in communication ports, download PowerAlert software at <a href="https://tripplite.eaton.com/products/power-alert">https://tripplite.eaton.com/products/power-alert</a>
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 optional
Communications Interface	DB9 Serial; EPO (emergency power off); Slot for SNMP/Web interface; USB (HID enabled)
<b>LINE / BATTERY TRANSFER</b>	
Transfer Time	5.5 milliseconds
Low Voltage Transfer to Battery Power (Setpoint)	83
High Voltage Transfer to Battery Power (Setpoint)	145



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FEATURES & SPECIFICATIONS	
High Availability UPS Features	Auto Probe Monitoring and Reboot (requires WEBCARDLX); Automatic Voltage Regulation (AVR); Hot swappable batteries; Remote management; Surge/noise protection
Green Energy-Saving Features	Greater than 95% efficiency - GREEN UPS; Individually controllable load banks
APPLICATIONS	
UPS Applications	Large Network; High-End Desktop/Small Network
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 warranty, 3 year with registration. Note:&nbsp;<a class="insuranceLink" href="//tripplite.eaton.com/support/product-warranty-registration">Registration is required</a>&nbsp;for 3-year warranty.
Connected Equipment Insurance (U.S., Canada & Puerto Rico)	\$250,000&nbsp;<a class="insuranceLink" href="//tripplite.eaton.com/support/insurance-policy">Ultimate Lifetime Insurance</a>&nbsp;

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