1440VA 1050W 120V Line-Interactive Cloud-Connected UPS with Remote Monitoring - 10 NEMA 5-15R Outlets (Surge and Battery Backup), Extended Run, LCD, 5-15P Plug, 2U Rack/Tower

MODEL NUMBER: **SMART1500LCDXNC**



UPS with included remote monitoring software provides 24/7 access and control of any size deployment via mobile app or web browser.

Highlights

- Cloud-based dashboard allows 24/7 remote monitoring via browser or mobile app
- Cloud-connected UPS sets up in minutes to start protecting your devices
- Create account with two-factor authentication for an additional layer of security
- NFC technology allows easy configuration of network settings from your mobile device
- Add external battery module (sold separately) to extend runtime during power outages
- Restarts automatically when AC power is restored, even when battery level is low or absent

Package Includes

- SMART1500LCDXNC 1440VA 1050W 120V Line-Interactive Cloud-Connected UPS
- Mounting hardware
- Quick Start Guide

Features

1440VA/1050W/120V Battery Backup for Small Network Servers and Network Workstations
The SMART1500LCDXNC line-interactive cloud-connected UPS system combines cloud connectivity, remote management and advanced protection features. Its flexible form factor is suitable for desktop or floor placement, under desks or workstations, mounted on a wall or installed in 2U of space in a 2-post or 4-post rack. It's recommended for home, office and retail use, as well as network closets in both local and remote locations.

Easy-to-Use Cloud-Enabled Remote Monitoring Powered by Brightlayer
Eaton's cloud-based remote monitoring app offers convenient setup, control and management of a single UPS or a larger deployment. Scan the QR code on the UPS to download the app to your mobile device. Receive alerts, push configurations, silence alarms or control load banks using a mobile app or web browser. Being able to monitor and access multiple UPS systems from a remote location helps reduce the number of site visits, saving you time and money. The unit's NFC (near-field communication) feature lets you configure network settings instantly from your mobile device.

Allows Time to Back Up Critical Files During a Blackout
During short blackouts, the SMART1500LCDXNC switches to battery power to keep connected equipment running. This allows you enough time to save data and complete a safe shutdown in case of a longer outage. Once AC power is restored, the SMART1500LCDXNC restarts automatically, regardless of battery charge level, saving you a costly site visit.

Add an Extended Battery Module (EBM) for Extra Runtime
Runtime can be significantly increased by connecting an optional extended battery module (BP24V15RT2U, sold separately). This helps the UPS sustain power through extended outages, which provides additional runtime for heavy or light loads. Only one EBM can be connected at a time.

NEMA 5-15R Outlets and Controllable Load Banks Protect Connected Components
Ten 5-15R outlets provide battery backup and surge protection for your computer, monitor, security camera, router, network switch, server and other electronic devices. Remote monitoring allows individual control of three switchable load banks that can be powered on/off or cycled remotely, saving you an expensive and time-consuming on-site visit.

Automatic Voltage Regulation (AVR) Corrects Low- and High-Voltage Conditions
AVR protects your equipment from incremental hardware damage, data loss and performance problems caused by brownouts and overvoltages. The SMART1500LCDXNC can correct brownouts as low as 97V and overvoltages as high as 145V back to nominal 120V power continuously, all while keeping the battery fully charged and ready to take over in case of power failure.

Communications Ports
An RJ45 port for Ethernet connectivity enables use of the cloud-based remote monitoring application. A USB-C port provides direct connection to the command line interface (CLI) for configuration and identification of local network parameters.

Intuitive LCD, Home-Friendly Alarm and Diagnostic LEDs Keep You Informed 24/7
The easy-to-read LCD and two status LEDs allow at-a-glance local monitoring of UPS status, voltage, load level, battery level and other vital information. A solid green LED means the battery is charged, a flashing green indicates it is charging and a solid red indicates fault. The audible alarm indicates power outage, low-battery and fault conditions. It can be silenced via the LCD or the remote monitoring app, which will still respond to silenced alarms.

Easy Preventative Maintenance and Initial Troubleshooting
The SMART1500LCDXNC's self-test capability and user-replaceable internal battery can extend the life of the UPS and minimize disruption to operations. A resettable circuit breaker on the rear of the UPS helps prevent dangerous system overloads.

Specifications

OVERVIEW	
UPC Code	037332280121
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.)	5
UPS Input Cord Length (m)	1.5
Recommended Electrical Service	15A 120V
Maximum Input Amps	12
Input Frequency	50Hz / 60Hz Auto-Sensing
Input Plug Type	NEMA 5-15P
Input Cord Length (ft.)	5
Input Cord Length (m)	1.52
OUTPUT	
Output Capacity (VA)	1440

Output Capacity (kVA)	1.44
Output Capacity (Watts)	1050
Output Capacity (kW)	1.05
Power Factor	0.73
Nominal Voltage Details	120V
Frequency Compatibility	50 / 60 Hz
Output Voltage Regulation (Line Mode)	-15%, +10%
Output Voltage Regulation (Battery Mode)	+/-10%
Output AC Waveform (AC Mode)	Sine wave
Output (Watts)	1050
Output AC Waveform (Battery Mode)	PWM sine wave
Nominal Output Voltage(s) Supported	120V
Output Receptacles	(10) 5-15R
Overload Protection	(LINE MODE) 110%±10%,GOES TO FAULT AFTER 5MIN; 120%±10%,GOES TO FAULT IMMEDIATELY; (BATTERY MODE) 110%±10%,SHUTS DOWN IN 5 SEC; 120%±10%, SHUTS DOWN IMMEDIATELY
Customized Load Management Receptacles	3 Load Banks: Load Bank 1: 3 outlets, Load Bank 2: 3 outlets, Load Bank 3: 4 outlets.
Individually Controllable Load Banks	Yes
BATTERY	
Battery Type	Valve Regulated Lead Acid (VRLA)
Runtime Full Load (min.)	2 min. (1050W)
Runtime Half Load (min.)	10 min. (525W)
Expandable Runtime	Yes
Expandable Battery Runtime	Extended runtime supported via optional Tripp Lite Series 24VDC BP24V15RT2U external battery packs
Expandable Runtime Description	Extended runtime supported via optional BP24V15RT2U external battery pack (limit 1)
External Battery Pack Compatibility	BP24V15RT2U (limit 1)
DC System Voltage (VDC)	24
Battery Recharge Rate (Included Batteries)	Up to 8 hours from 10% to 90%
Battery Access	Battery access door enables user to replace internal battery
Internal UPS Replacement Battery Cartridge	RBC51 (Quantity 2)
Battery Replacement Description	RBC51 (Quantity 2)

Battery Recharge Time	Up to 8 hours from 10% to 90%
VOLTAGE REGULATION	
Voltage Regulation Description	Automatic voltage regulation (AVR) maintains line power operation with an input voltage range of 97 to 145V
Overvoltage Correction	Input voltages between 132V and 145V are reduced by 15%
Undervoltage Correction	Input voltages between 97V and 108V are boosted by 18%
USER INTERFACE, ALERTS & CONTROLS	
Front Panel LCD Display	Backlighted LCD screen offers detailed UPS status and operational information including Input Voltage, Output Voltage, Estimated Runtime (minutes), Output Load Percentage, Output Load Wattage, Battery Voltage, Graphical 4-Bar Battery Charge level and 4 bar load Level. LCD screen also shows UPS status AC Powered or battery operation, Alarm muted (icon flashing) & Alarm disabled (icon steady on).
Switches	ON/OFF/MODE button provides UPS on/off power control (long-press); MUTE/ENTER allows alarm to be muted (long press), and advances the LCD screen display (short tap)
Alarm Cancel Operation	Press the MUTE/ENTER button during a power failure to silence the alarm; Once silenced, alarm will re-sound to indicate low-battery status
Audible Alarm	Audible alarm indicates power-failure and low-battery status; Alarm can be disabled entirely via front panel LCD interface (see manual) and via the remote monitoring application.
LED Indicators	Green and Red LEDs. Solid green slows AC operation, flashing green shows AC operation and battery charging. Red LED indicates a UPS fault.
SURGE / NOISE SUPPRESSION	
UPS AC Suppression Joule Rating	380
UPS AC Suppression Response Time	Instantaneous
PHYSICAL	
Primary Form Factor	Desktop; Rackmount; Tower
Rack Height	2U
Cooling Method	Fan
Included Mounting Accessory Description	Included mounting brackets enable installation in 2 and 4 post racks, plus upright tower configurations.
Installation Form Factors Supported with Included Accessories	2 post 19 inch rackmount; 2 post front mount; 4 post 19 inch rackmount; Tower
Minimum Required Rack Depth (cm)	33.02
Minimum Required Rack Depth (inches)	13
Primary UPS Depth (mm)	279
Primary UPS Height (mm)	87
Primary UPS Width (mm)	438
Shipping Dimensions (hwd / in.)	7.24 x 14.65 x 20.00
Shipping Weight (kg)	13.50
UPS Housing Material	ABS

UPS Power Module Dimensions (Height x Width x Depth, mm)	89 x 439 x 267
UPS Power Module Dimensions (hwd, in.)	3.430 x 17.240 x 11
UPS Power Module Weight (kg)	12.02
UPS Power Module Weight (lbs.)	26.500
Unit Dimensions (hwd / in.)	3.430 x 17.240 x 11.000
Unit Weight (lbs.)	26.500
Unit Weight (kg)	12.02
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	Up to 90% non-condensing
AC Mode BTU / Hr. (Full Load)	57.34
AC Mode Efficiency Rating (100% Load)	98.4%
Battery Mode Heat Dissipation (BTU/Hr) @ Full Load	57.34
Operating Elevation	9843FT
Audible Noise	Less than 45 dB, front side 1m
COMMUNICATIONS	
Network Monitoring Port Description	Supports detailed monitoring of UPS and site power conditions through cloud-enabled remote monitoring interface.
Network Management Card Description	Cloud-enabled network management interface powered by Eaton Brightlayer Remote Monitoring Application.
Communications Interface	Included network card; Near Field Communication (NFC); RJ45 Network; USB-C
LINE / BATTERY TRANSFER	
Transfer Time	4ms typical, 10ms max
Low Voltage Transfer to Battery Power (Setpoint)	97V +/-3.5%
High Voltage Transfer to Battery Power (Setpoint)	145V +/-3.5%
FEATURES & SPECIFICATIONS	
Cold Start (Startup in Battery Mode During a Power Failure)	Cold-start operation supported
High Availability UPS Features	Automatic Voltage Regulation (AVR); Expandable battery backup; Hot swappable batteries; Remote management; Surge/noise protection
Green Energy-Saving Features	Greater than 95% efficiency - GREEN UPS
Cold Start	Cold-start operation supported

APPLICATIONS	
UPS Applications	Retail/Point of Sale; Hospitality; Home/Office Desktop; High-End Desktop/Small Network; Audio/Video; Smart Home
STANDARDS & COMPLIANCE	
Product Certifications	CAN/CSA C22.2; NOM (Mexico); UL 1778
Product Compliance	RoHS; FCC Part 15 Class B (USA)
WARRANTY & SUPPORT	
Product Warranty Period (U.S. & Canada)	3-year limited warranty
Product Warranty Period (Latin America)	3-year limited warranty
Product Warranty Period (International)	2-year limited warranty
Product Warranty Period (Mexico)	3-year limited warranty
Product Warranty Period (Puerto Rico)	3-year limited warranty
Connected Equipment Insurance (U.S., Canada & Puerto Rico)	$250,000 Ultimate Lifetime Insurance

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