Use optional WEBCARDLXE web card
Not compatible with WEBCARDLX

SmartOnline 1000VA 900W 120V Double-Conversion UPS - 6 Outlets, Extended Run, Network Card Option, LCD, USB, DB9, Tower

MODEL NUMBER: **SU1000XLCD**



Provides pure sine wave output in education, healthcare, military, government and other IT applications in small or mid-size networks.

Highlights

- Updated design for 2023
- Protects equipment against blackouts, brownouts, transient surges and line noise
- Keeps equipment running during outages to allow time for file saves and safe shutdown
- Zero transfer time between on-line and battery modes for uninterrupted operation
- Optional WEBCARDLXE network card enables full remote access and control
- Menu-driven LCD keeps you up to date with status info and other vital analytics

Package Includes

- 1000VA 900W 120V Double-Conversion UPS
- USB cable
- DB9 cable
- Quick Start Guide

Features

Double-Conversion UPS Protects Equipment Against Damage, Downtime and Data Loss
This on-line double-conversion UPS system maintains perfect output by converting AC input to DC, then reconverting UPS output to fully regulated sine wave AC. Constant on-line operation isolates sensitive equipment from power problems on the AC line. The SmartOnline® SU1000XLCD provides the highest level of power protection and battery backup for education, healthcare, military, government and other mission-critical IT applications where space is limited, but premium power reliability is essential.

Reliable, Expandable Battery Backup Keeps You Operational Through Power Outages
The field-replaceable, hot-swappable VRLA battery modules allow you to work through short power failures and give you enough time to safely save files and shut down your system in case of a prolonged blackout. Zero transfer time between on-line and battery modes maintains continuous operation of connected equipment without interruption or rebooting. Extra runtime is available by connecting up to four optional extended battery modules (BP36V, sold separately).

Optional LX Platform Network Management Card Allows Remote Access 24/7
The WEBCARDLXE network interface (sold separately) enables full remote configuration and management, including load shedding, reboots of connected equipment and safe shutdowns. The IP-based Auto Probe feature ensures continuous network uptime by communicating with other network devices, detecting lost connectivity and automatically rebooting IT equipment. Optional EnviroSense2 modules (E2MT, E2MTDO and E2MTHDI, all sold separately) provide a variety of environmental monitoring and control options.

NEMA 5-15R Outlets Protect Your Connected Components
Six NEMA 5-15R outlets provide connected equipment with pure sine wave AC output and allow you to manage power consumption down to the outlet group level. Power provided by these outlets is filtered to protect connected equipment against damaging surges and line noise. Four outlets are grouped into two load banks that let you shed non-critical loads to extend runtime for critical loads.

Premium Protection from EMI/RFI Line Noise Helps Your Equipment Perform Better
This UPS system filters out disruptive electromagnetic and radio frequency interference that can inflict

hardware damage or data loss. This EMI/RFI filtering also helps your connected components perform better and last longer.

Clear LCD Interface Keeps You Informed at a Glance
The menu-driven front-panel LCD provides detailed alarms and notifications to help diagnose any issues. It provides system status, event logs, battery and power module status, usage analytics, serial number, firmware update info and more. Audible alarms can be disabled through the front menu when the UPS goes to battery power.

Advanced Communications Ports Allow for Automatic Saves and Shutdowns
RS-232 and USB ports connect to a device for a variety of communication options (cables are included). A dry-contact relay port can be programmed through the LCD to provide reliable communications to automation and industrial components. The RPO/ROO port permits emergency shutdown or remote restart of all connected equipment.**Automatically Turns Back On After Power Is Restored**
Battery-independent restart ensures automatic UPS power-up without user interaction after lengthy power outages, even after a complete battery discharge.

Supports Tower Installation on a Flat Surface
Place the SU1000XLCD on a table, shelf, pedestal or floor in your data center, computer room, network closet, workbench, dispatch console, security workstation or other professional work surface. The eight-foot input cord with NEMA 5-15P plug connects to a compatible AC outlet.

Specifications

OVERVIEW	
UPC Code	037332174666
UPS Type	On-Line
INPUT	
Input Phase	Single-Phase
Rated input current (Maximum Load)	9A
Nominal Input Voltage(s) Supported	100V AC; 110V AC; 120V AC; 127V AC
Nominal Input Voltage Description	120V factory default
UPS Input Connection Type	5-15P
UPS Input Cord Length (ft.)	8
UPS Input Cord Length (m)	2.4
Recommended Electrical Service	120V
Maximum Input Amps	9
Input Plug Type	NEMA 5-15P
Input Cord Length (ft.)	8
Input Cord Length (m)	2.44
Input Current	9A
Power Factor (Input)	0.99
OUTPUT	

Output Capacity (VA)	1000
Output Capacity (kVA)	1
Output Capacity (Watts)	900
Output Capacity (kW)	0.9
Power Factor	0.9
Crest Factor	3:1
Nominal Voltage Details	120V default
Frequency Compatibility	50 / 60 Hz
Frequency Compatibility Details	Online Mode: Sync with line ±5% of nominal line frequency (outside this range: ±0.5% of auto-selected nominal frequency). Battery Mode: ±0.5% of auto-selected nominal frequency
Output Voltage Regulation (Line Mode)	+/- 2%
Output Voltage Regulation (Economy Line Mode)	+/- 2%
Output Voltage Regulation (Battery Mode)	+/- 3%
Load Management Receptacles	Two switchable two-outlet load banks
Output AC Waveform (AC Mode)	Pure Sine wave
Output AC Waveform (Battery Mode)	Pure Sine wave
Nominal Output Voltage(s) Supported	100V; 110V; 120V
Output Receptacles	(6) 5-15R
Individually Controllable Load Banks	Yes
BATTERY	
Battery Type	Valve Regulated Lead Acid (VRLA)
Runtime Full Load (min.)	6.7 min. (900W)
Runtime Half Load (min.)	18.5 min. (450W)
Expandable Runtime	Yes
Expandable Runtime Description	Add up to 4 extended battery modules (EBM), part number BP36V . *Note: BP36V is compatible only with the SU1000XLCD 2023 UPS design update featured on this page. For previous SU1000XLCD design battery pack functionality, please see the Legacy Product Datasheet under the Support tab, Documents & Downloads section.
External Battery Pack Compatibility	BP36V
DC System Voltage (VDC)	36
Battery Recharge Rate (Included Batteries)	3 hours recharge to 90%
Battery Access	Battery access door

Internal UPS Replacement Battery Cartridge	744-A4311 *Note: 744-A4311 is the replacement battery for the SU1000XLCD 2023 UPS design update featured on this page. For the replacement battery in the previous design of SU1000XLCD, please see the Legacy Product Datasheet under the Support tab, Documents & Downloads section.
Battery Replacement Description	User replaceable batteries
VOLTAGE REGULATION	
Voltage Regulation Description	Online, double-conversion power conditioning
USER INTERFACE, ALERTS & CONTROLS	
Front Panel LCD Display	Front panel LCD information and configuration screen offers detailed UPS and site power status and operating data, plus configuration of voltage, frequency, operating mode, alarm function and a variety of additional options
Switches	RPO / ROO
Alarm Cancel Operation	Power-fail alarm can be temporarily silenced using alarm-cancel switch; silent mode alarm configuration option available
Audible Alarm	Audible alarm indicates UPS startup, power-failure, low-battery, overload, UPS fault and remote shutdown conditions
LED Indicators	4 status-indicating LEDs
SURGE / NOISE SUPPRESSION	
EMI / RFI AC Noise Suppression	Yes
AC Suppression Joule Rating	190
AC Suppression Response Time	Instantaneous
PHYSICAL	
Primary Form Factor	Tower
Rack Height	0U
Cooling Method	Fan
Installation Form Factors Supported with Included Accessories	Tower
Shipping Dimensions (hwd / in.)	14.85 x 11.66 x 22.45
Shipping Dimensions (hwd / cm)	37.72 x 29.62 x 57.02
Shipping Weight (lbs.)	37.92
Shipping Weight (kg)	17.20
UPS Housing Material	Metal
Unit Dimensions (hwd / in.)	9.930 x 6.300 x 15.240
Unit Weight (lbs.)	32.63
Unit Weight (kg)	14.80
ENVIRONMENTAL	
Operating Temperature Range	32° to 104°F (0° to 40°C)

Storage Temperature Range	With battery: 32° to 104°F (0° to 40°C); without battery: -13° to 131°F (-25° to 55°C)
Relative Humidity	0-96% non-condensing
AC Mode Efficiency Rating (100% Load)	87
AC Economy Mode Efficiency Rating (100% Load)	93
Online Mode Heat Dissipation (BTU/Hr) @ Full Load	419
Operating Elevation	0-10000 ft. (0-3000 m)
Audible Noise	51 dB at 1m
COMMUNICATIONS	
Network Management Cards	(1) WEBCARDLXE
Network Monitoring Port Description	WEBCARDLXE Supports detailed monitoring of UPS and site power conditions; DB9 port supports RS232 and contact closure communications; not compatible with WEBCARDLX
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 RS232 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	(1) Contact closure; (1) RS-232; (1) Slot for SNMP/Web interface; (1) USB
Emergency Power Off (EPO)/Remote On-Off (ROO)	Yes
LINE / BATTERY TRANSFER	
Transfer Time	0 ms.
FEATURES & SPECIFICATIONS	
Cold Start (Startup in Battery Mode During a Power Failure)	Cold-start operation supported
High Availability UPS Features	Expandable battery backup; Pure sine wave output; Remote management; Surge/noise protection; Zero transfer time
Green Energy-Saving Features	High efficiency economy mode operation; Individually controllable load banks
APPLICATIONS	
UPS Applications	Mission Critical Applications
STANDARDS & COMPLIANCE	
Product Certifications	CAN/CSA-C22.2 No. 107.3 (Canada); UL 1778; NOM (Mexico); cTUVus
Product Compliance	CE (Europe); ENERGY STAR Qualified; FCC (USA); REACH; RoHS
WARRANTY & SUPPORT	

Product Warranty Period (Worldwide)	2-year limited warranty
Connected Equipment Insurance (U.S., Canada & Puerto Rico)	$250,000 Ultimate Lifetime Insurance
Extended Service Plans	5-year-depot exchange plan: TL9SW5Y-1500UCParts, electronics and UPS batteries coverageNext business day shippingTechnical support5-year onsite plan: TLWFLN75XX-2509UCOnsite parts and labor coverage for 5 yearsParts, electronics and UPS batteries coverage24x7 onsite labor coverage, next-day responseNext-day shippingTechnical support

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