SmartPro 230V 1.05kVA 650W Line-Interactive Sine Wave UPS, Tower, Network Card Options, USB, DB9, 8 Outlets

MODEL NUMBER: **SMX1050SLT**





Protects connected mission-critical equipment against damage, downtime and data loss due to blackouts, brownouts, surges and line noise. Ideal solution for point-of-sale applications, VoIP systems and small business networks.

Highlights

- Corrects under- and overvoltages from 182V to 278V (230V)
- 8 C13 outlets
- Front-panel LEDs indicate load, power, voltage and battery statuses
- Add optional WEBCARDLX with latest version of PADM20 for enhanced remote management
- 20 min. runtime at half load; 7 min. at full load

Package Includes

- SMX1050SLT SmartPro 230V 1.05kVA 650W Line-Interactive Sine Wave UPS
- USB cable
- DB9 cable
- (2) IEC-320 C13-to-C14 power cables
- Owner’s manual

Description

The SMX1050SLT SmartPro® 230V 1.05kVA 650W Line-Interactive Sine Wave UPS provides battery backup and AC power protection against blackouts, brownouts, power surges and line noise that can damage electronics or destroy data. Ideal for backing up point-of-sale applications, VoIP systems and small business networks, the SMX1050SLT switches to battery mode in milliseconds to keep your connected equipment running long enough to save files and shut down safely with no data loss. Featuring eight C13 outlets and a C14 inlet that accepts a user-supplied AC power cord, the SMX1050SLT has an internal battery that provides 20 minutes of support at half load and seven minutes at full load. Front-panel LEDs indicate line power, voltage regulation, load level and battery status. An alarm sounds to indicate power failure or overload.
Automatic voltage regulation (AVR) maintains selectable 220V, 230V or 240V nominal output over an input range of 174V–266V (220V), 182V–278V (230V) or 190V–290V (240V) without using battery power. EMI/RFI noise filtering improves your equipment’s performance and prevents damage. A 350-joule surge suppression rating protects your equipment from harmful power surges. With downloadable PowerAlert® software, the SMX1050SLT enables safe unattended system shutdown and file saves in case of a prolonged power failure. Adding an optional network management card permits remote management of the UPS, including reboots and activity logs.

Features

Protects Mission-Critical Equipment

- Provides fully regulated sine wave AC output for point-of-sale applications, VoIP systems and small business networks
- Audible alarm signals loss of utility power or overload
- 8 C13 outlets
- C14 inlet accepts user-supplied AC power cord with country-specific plug
- 350-joule surge suppression rating

Reliable Battery Backup

- Supports half load up to 20 min. and full load up to 7 min.

- Internal batteries designed for hot-swap field replacement
- Cold-start capability enables turn-on in battery mode during blackouts

Automatic Voltage Regulation (AVR)
- Maintains selectable nominal output without using battery power
- Corrects brownouts and overvoltages from 174V–266V (220V), 182V–278V (230V) or 190V–290V (240V)

EMI/RFI Line Noise Filtering
- Removes electromagnetic and radio frequency interference that can disrupt or damage equipment's performance

LED Indicators
- Front-panel LEDs indicate line power, voltage regulation, load level and battery status

Optional Network Management Cards
- Compatible with UPS management card options WEBCARDLX, SNMPWEBCARD and RELAYIOCARD

Optional WEBCARDLX (sold separately) with the latest version of PowerAlert Device Manager firmware (PADM20) provides enhanced remote management capabilitiesPADM20 and PowerAlert Element Manager (PAEM) form a powerful tool for expanding maintenance functions in large installations, including firmware update checks and backup and restoration of device configurations

Communication 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

Telephone/Network Jacks
- Protect against power surges over telephone/DSL or network Ethernet lines

Specifications

OVERVIEW	
UPC Code	037332124548
UPS Type	Line-Interactive
INPUT	
Input Phase	Single-Phase
Rated input current (Maximum Load)	2.8A (230V), 3.0A (220V), 2.7A (240V)
Nominal Input Voltage(s) Supported	220V AC; 230V AC; 240V AC
UPS Input Connection Type	C14 inlet
UPS Input Connection Description	IEC320-C14 input connection accepts a variety of detachable cordsets to match country or site-specific wall receptacles
OUTPUT	
Output Capacity (VA)	1050
Output Capacity (kVA)	1.05

Output Capacity (Watts)	650
Output Capacity (kW)	0.65
Nominal Voltage Details	230V nominal output in battery mode
Frequency Compatibility	50 / 60 Hz
Frequency Compatibility Details	Automatic frequency selection
Output Voltage Regulation (Line Mode)	-9%, +5%
Output Voltage Regulation (Battery Mode)	+/- 5%
Included Output Power Cables	Includes 2 C13 to C14 output power cables
Hot-Swap PDU options	PDUBHV10 (2U / 8 C13 outlets)
Output AC Waveform (AC Mode)	Sine wave
Output AC Waveform (Battery Mode)	Pure Sine wave
Nominal Output Voltage(s) Supported	220V; 230V; 240V
Output Receptacles	(8) C13
Individually Controllable Load Banks	No
BATTERY	
Battery Type	Valve Regulated Lead Acid (VRLA)
Runtime Full Load (min.)	7 min. (650W)
Runtime Half Load (min.)	20 min. (325W)
Expandable Runtime	No
DC System Voltage (VDC)	24
Battery Recharge Rate (Included Batteries)	Less than 8 hours from 10% to 90% (typical, full load discharge)
Battery Access	Battery access door
Internal UPS Replacement Battery Cartridge	RBC24-SLT
Battery Replacement Description	Hot-swappable, user replaceable batteries
VOLTAGE REGULATION	
Voltage Regulation Description	Automatic voltage regulation (AVR) maintains line power operation with an input voltage range of 182 to 278 (230v), 190 to 290 (240v), 174 to 266 (220v)
Overvoltage Correction	Voltage reduction of 12% applies when input is 244 to 278 (230v), 254 to 290 (240v), 232 to 266 (220v); Voltage setpoints ±5% tolerance
Undervoltage Correction	Voltage boost of 14% applies when input is 182 to 206 (230v), 190 to 216 (240v), 174 to 198 (220); Voltage setpoints ±5% tolerance
USER INTERFACE, ALERTS & CONTROLS	
Switches	2 Switches control off/on power status and alarm-cancel/self-test operation; rear panel protected switches support nominal voltage selection

Alarm Cancel Operation	Power-fail alarm can be silenced using alarm-cancel switch
Audible Alarm	Audible alarm indicates power failure and overload conditions
LED Indicators	9 LEDs indicate line power, battery power, AVR, overload and replace battery status - with a 3-LED level meter for load and battery charge level
SURGE / NOISE SUPPRESSION	
UPS AC Suppression Joule Rating	350
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	Tower
Cooling Method	Fan
Installation Form Factors Supported with Included Accessories	Tower
Primary UPS Depth (mm)	335
Primary UPS Height (mm)	259
Primary UPS Width (mm)	173
Shipping Dimensions (hwd / in.)	14.00 x 9.75 x 18.50
Shipping Dimensions (hwd / cm)	35.56 x 24.76 x 46.99
Shipping Weight (lbs.)	38.60
Shipping Weight (kg)	17.51
UPS Housing Material	Steel
UPS Power Module Dimensions (hwd, cm)	25.91 x 17.27 x 33.53
UPS Power Module Dimensions (hwd, in.)	10.2 x 6.8 x 13.2
UPS Power Module Weight (kg)	16.33
UPS Power Module Weight (lbs.)	36
Unit Weight (lbs.)	36.0000
Unit Weight (kg)	16.33
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)	52

AC Mode Efficiency Rating (100% Load)	94%
Battery Mode Heat Dissipation (BTU/Hr) @ Full Load	521
Operating Elevation	Up to 10,000 ft
Audible Noise	Audible Noise < 50 dBA at Front Side 1 Meter
COMMUNICATIONS	
Network Management Cards	WEBCARDLXE ; RELAYIOCARD
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 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 optional
Communications Interface	DB9 Serial; Slot for SNMP/Web interface; USB
LINE / BATTERY TRANSFER	
Transfer Time	4-8 milliseconds
Low Voltage Transfer to Battery Power (Setpoint)	174V (220V), 182V (230V) or 190V (240V); Voltage setpoints ±5% tolerance
High Voltage Transfer to Battery Power (Setpoint)	266V (220V), 278V (230V) or 290V (240V); Voltage setpoints ±5% tolerance
FEATURES & SPECIFICATIONS	
Cold Start (Startup in Battery Mode During a Power Failure)	Cold-start operation supported
High Availability UPS Features	Auto Probe Monitoring (requires WEBCARDLXE); Automatic Voltage Regulation (AVR); Hot swappable batteries; Remote management; Surge/noise protection
APPLICATIONS	
UPS Applications	Large Network; High-End Desktop/Small Network
STANDARDS & COMPLIANCE	
Product Certifications	GOST (Russia)
Product Compliance	RoHS; SASO (Saudi Arabia); CE (Europe); FCC Part 15 Class B (USA)
WARRANTY & SUPPORT	
Product Warranty Period (International)	2-year limited warranty
Product Warranty Period (Mexico)	2-year limited warranty

Product Warranty Period (Puerto Rico)	2-year limited warranty

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