SmartPro 120V 1.05kVA 650W Line-Interactive Sine Wave UPS, Tower, Network Card Options, USB, DB9, 8 Outlets

MODEL NUMBER: **SMART1050SLT**







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

Highlights

- Corrects under- and overvoltages from 83V to 145V
- 8 NEMA 5-15R outlets
- Front-panel LEDs indicate load, power, voltage and battery statuses
- Network power management and control capability
- 19 min. runtime at half load; 7 min. at full load

Package Includes

- SMART1050SLT SmartPro 120V 1.05kVA 650W Line-Interactive Sine Wave UPS
- USB cable
- DB9 cable
- Owner’s manual

Description

The SMART1050SLT SmartPro® 120V 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 SMART1050SLT 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 NEMA 5-15R outlets and a six-foot power cord with 120V NEMA 5-15P input, the SMART1050SLT has an internal battery that provides 19 minutes of support at half load and seven minutes at full load. Front-panel LEDs indicate line power, battery power, overload, voltage regulation and battery status. An alarm sounds to indicate power failure, low battery or overload.
Automatic voltage regulation (AVR) maintains selectable 100V, 110V or 120V nominal output over an input range of 83V to 145V without using battery power. EMI/RFI noise filtering improves your equipment’s performance and prevents damage. A 690-joule surge suppression rating protects your equipment from harmful power surges. With PowerAlert® software (available via free download), the SMART1050SLT enables safe unattended system shutdown n case of a prolonged power failure.

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, low battery or overload
- 8 NEMA 5-15R outlets
- 6 ft. power cord with 120V NEMA 5-15P input
- 690-joule surge suppression rating

Reliable Battery Backup

- Supports half load up to 19 min. and full load up to 7 min.
- Internal batteries designed for hot-swap field replacement
- 95% line-power efficiency rating saves money in energy costs

- Cold-start capability enables turn-on in battery mode during blackouts

Automatic Voltage Regulation (AVR)
- Maintains selectable 100V, 110V or 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

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, SNMPWEBCARD and RELAYIOCARD

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	037332119902
UPS Type	Line-Interactive
INPUT	
Input Phase	Single-Phase
Rated input current (Maximum Load)	6.1A (120V), 6.6A (110V), 7.2A (100V)
Nominal Input Voltage(s) Supported	100V AC; 110V AC; 120V AC
UPS Input Connection Type	5-15P
UPS Input Cord Length (ft.)	6
UPS Input Cord Length (m)	1.8
Recommended Electrical Service	15A 120V
Maximum Input Amps	7
Total Harmonic Distortion	0.03
OUTPUT	
Output Capacity (VA)	1050

Output Capacity (kVA)	1.05
Output Capacity (Watts)	650
Output Capacity (kW)	0.65
Output Capacity Details	5.4A @ 120V (default), 5.9A @ 110V, 6.5A @ 100V. 125% @ 10 minutes 110% +/- 10% @ 5 seconds
Power Factor	0.62
Nominal Voltage Details	120V sinusoidal in line mode and 120V sinusoidal in battery mode
Frequency Compatibility	50 / 60 Hz
Frequency Compatibility Details	Automatic frequency selection. Output is regulated to +/-0.05Hz when input frequency exceeds +/-5Hz of nominal.
Output Voltage Regulation (Line Mode)	-13%, + 15%
Output Voltage Regulation (Battery Mode)	+/- 5%
Output AC Waveform (AC Mode)	Sine wave
Output AC Waveform (Battery Mode)	Pure Sine wave
Nominal Output Voltage(s) Supported	100V; 110V; 120V
Output Receptacles	(8) 5-15R
Individually Controllable Load Banks	No
BATTERY	
Battery Type	Valve Regulated Lead Acid (VRLA)
Runtime Full Load (min.)	7 min. (650W)
Runtime Half Load (min.)	19 min. (325W)
Expandable Runtime	No
DC System Voltage (VDC)	24
Battery Recharge Rate (Included Batteries)	Less than 6 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 95 to 145 (120v), 87 to 133 (110v), 83 to 121 (100v)
Overvoltage Correction	Voltage reduction of 12% applies when input is 127 to 145 (120v), 116 to 133 (110v), 111 to 121 (100v); All voltage setpoints ±5% tolerance
Undervoltage Correction	Voltage boost of 14% applies when input is 95 to 108 (120v), 87 to 99 (110v), 83 to 90 (100v); All 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	Status LEDs indicate line power, battery power, AVR, overload and replace battery status - with a 3-LED level meter for load and battery charge level
Site Wiring Fault Indication	Rear panel site wiring fault LED
SURGE / NOISE SUPPRESSION	
UPS Dataline Suppression	1 line TEL/DSL (1 in / 1 out); 10/100Base T Ethernet
EMI / RFI AC Noise Suppression	Yes
AC Suppression Joule Rating	690
AC Suppression Response Time	Instantaneous
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.)	13.30 x 17.90 x 9.30
Shipping Dimensions (hwd / cm)	33.78 x 45.47 x 23.62
Shipping Weight (lbs.)	38.40
Shipping Weight (kg)	17.42
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	0-95% non-condensing

AC Mode BTU / Hr. (Full Load)	107
AC Mode Efficiency Rating (100% Load)	95%
Battery Mode Heat Dissipation (BTU/Hr) @ Full Load	455
Operating Elevation	0-6562 ft. (0-2000 m)
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 UPS Tools (NUT) Compatibility	NUT compatible. See a full list of NUT compatible Tripp Lite UPS systems at https://networkupstools.org/stable-hcl.html?manufacturer=Tripp%20Lite
Network Management Card Description	Network management card optional
Communications Interface	DB9 Serial; Slot for SNMP/Web interface; USB (HID enabled)
LINE / BATTERY TRANSFER	
Transfer Time	4-6 milliseconds
Low Voltage Transfer to Battery Power (Setpoint)	95V (120V), 87V (110V), 83V (100V); All voltage setpoints ±5% tolerance
High Voltage Transfer to Battery Power (Setpoint)	145V (120V), 133V (110V), 121V (100V); All 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
Green Energy-Saving Features	Greater than 95% efficiency - GREEN UPS
APPLICATIONS	
UPS Applications	Large Network; High-End Desktop/Small Network; Retail/Point of Sale; Hospitality
STANDARDS & COMPLIANCE	
Product Certifications	CSA (Canada); NOM (Mexico); UL 1778
Product Compliance	RoHS; FCC Part 15 Class B (USA)
WARRANTY & SUPPORT	

Product Warranty Period (Worldwide)	2-year warranty, 3 year with registration. Note: Registration is required for 3-year warranty.
Connected Equipment Insurance (U.S., Canada & Puerto Rico)	$250,000 Ultimate Lifetime Insurance

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