

SmartPro 208V 5kVA 3.75kW Line-Interactive Sine Wave UPS, 3U Rack/Tower, Network Card Options, USB, DB9 Serial

MODEL NUMBER: SMART5000TEL3U











Description

The SMART5000TEL3U intelligent line-interactive UPS protects server, networking and telecommunications equipment from blackouts, voltage fluctuations and surges in a compact rack-mount housing. Completely self-contained UPS system occupies only 3U in a standard 19-inch rack, making this model one of the smallest 5kVA UPS systems available. Included accessories support mounting 4-post rack enclosures. Large-capacity 5000VA/3750W UPS system accepts raw AC input, adjusting output to regulated 208V levels. One pair of 120V outlets supports up to 600VA monitors and other low-voltage accessories. Includes slot for internal Network Management Card option. Includes USB and two DB9 monitoring ports for unattended shutdown, remote control and monitoring of UPS system and power data. Five outlets (two L6-20R, one L6-30R and two 5-15R) allow the connection of high-current 20A and 30A 208V connectors and up to two 120V devices (max 600VA at 120V).

Features

- Large 5000VA/3750-watt output capacity accommodates solitary large loads or multiple low-power loads
- High power density 5kVA power module occupies only 3 rack spaces (3U)
- 16 minutes half-load runtime (with a continuous load 2500VA; much longer runtime available at smaller loads)
- Line-interactive voltage regulation corrects severe brownouts and overvoltages without using battery power
- High voltage output supports 208V server, internetworking and telecom applications
- Pair of 120V outlets supports up to 600VA for standard 120V monitors, voicemail and other low-power networking devices
- Five total outlets (two L6-20R, one L6-30R and two 5-15R)
- Diagnostic LEDs provide visual indication of 17 separate performance conditions
- USB & Serial ports enable data-saving unattended shutdown when used with PowerAlert software, available via FREE download from tripplite.eaton.com/products/power-alert
- Built-in USB, DB9 RS-232 and DB9 contact closure communications ports for remote monitoring and unattended shutdown
- Compatible with UPS management card options TLNETCARD, WEBCARDLX and SNMPWEBCARD

Highlights

- 5kVA / 5000VA line interactive 3U rack/tower UPS; Sine wave output
- 208V nominal output during inputs of 174-282V; Supports 600VA 120V output
- USB, Serial, EPO & slot for Network Management Card options
- 97% line-mode efficiency; Hotswappable internal batteries; Energy Star Compliant
- NEMA L6-30P input; 2 NEMA 5-15R, 2 L6-20R & 1 L6-30R outlets

Package Includes

- SMART5000TEL3U UPS System
- USB & DB9 Serial cabling
- · Mounting hardware
- · Instruction manual



- Emergency Power Off (EPO) interface for emergency shutoff in large facilities
- Hot-swappable/user-replaceable batteries allow on-site battery replacement through the front panel without powering off connected equipment or removing the UPS from the rack
- Intelligent battery management system extends battery life
- UPS ships fully assembled and ready for installation; no time-consuming user battery connections required

Specifications

OVERVIEW		
UPC Code	037332116116	
UPS Type	Line-Interactive	
INPUT		
Input Phase	Single-Phase	
Rated input current (Maximum Load)	24A	
Nominal Input Voltage(s) Supported	208V AC	
UPS Input Connection Type	L6-30P	
UPS Input Cord Length (ft.)	10	
UPS Input Cord Length (m)	3.1	
Recommended Electrical Service	30A 208V	
OUTPUT		
Output Capacity (VA)	5000	
Output Capacity (kVA)	5	
Output Capacity (Watts)	3750	
Output Capacity (kW)	3.75	
Output Capacity Details	120V 5-15R outlets are limited to 450 watts (max.)	
Power Factor	0.75	
Nominal Voltage Details	120V output is limited to 450 watts	
Frequency Compatibility	60 Hz	
Output Voltage Regulation (Line Mode)	208 & 120V (-6%, +20%)	
Output Voltage Regulation (Battery Mode)	+/- 5%	
Output Circuit Breakers	20A double pole breaker supports L6-20R outlets, 5A breaker supports 5-15R outlets, L6-30R outlet is unbreakered	
Output AC Waveform (AC Mode)	Sine wave	
Output AC Waveform (Battery Mode)	Pure Sine wave	



Audible Alarm Audible alarm indicates power-failure, overload and low-battery conditions LED Indicators 5 LEDs indicate line power, battery power, overload, voltage regulation and battery low/replace status SURGE / NOISE SUPPRESSION UPS AC Suppression Joule Rating 1020 UPS AC Suppression Response Instantaneous EMI / RFI AC Noise Suppression Yes PHYSICAL Primary Form Factor Rackmount Rack Height 3U	Nominal Output Voltage(s) Supported	208V		
Battery Type Valve Regulated Lead Acid (VRLA) Runtime Full Load (min.) 8.5 min. (3750W) Runtime Full Load (min.) 20 min. (1875W) Expandable Runtime No DC System Voltage (VDC) 48 Battery Recharge Rate (Included Batteries) Battery Access Front panel battery accessed interest (Included Batteries) Battery Access Front panel battery accessed interest (Included Batteries) Battery Replacement Battery Access Front panel battery cardiases "product Link" here "/hipplitic eaton, com/3U-UPS-Replacement-48VDC-Battery-Cartridge-select-trapped leading of the System (Included Battery Replacement Battery Battery Access Front panel battery accessed batteries) VOLTAGE REGULATION Voltage Regulation Description Automatic voltage regulation (AVR) maintains line power operation with an input voltage range of 167 to 280 Overvoltage Correction Input voltages between 167V and 194V are boosted by 12% Undervoltage Correction Input voltages between 167V and 194V are boosted by 12% USER INTERFACE, ALERTS & CONTROLS Switches 2 Switches control office power status and alarm-cance/self-test operation Alarm Cancel Operation Power-fail alarm can be selenced using alarm-cance/self-test operation Audible Alarm Audible alarm indicates power-failure, overfoad and low-battery conditions LED Indicators 5 LEDs indicate line power, battery power, overfoad, voltage regulation and battery low/replace status SURGE / NOISE SUPPRESSION UPS AC Suppression Joule Rating 1020 UPS AC Suppression Joule Rating 1020 LPS AC Suppression Response Instantaneous EMI / RFI AC Noise Suppression Yes PHYSICAL Primary Form Factor Rackmount Rack Height 3U	Output Receptacles	(2) 5-15R; (2) L6-20R; (1) L6-30R		
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Runtime Half Load (min.) Expandable Runtime No DC System Voltage (VDC) 48 Battery Recharge Rate (Included Battery) Battery Recharge Rate (Included Battery) Access Front panel battery access door Internal UPS Replacement Battery Arribge Replacement Battery Tripp-Lie-SmartPro-UPS-RBC94-3U*-RBC94-	Battery Type	Valve Regulated Lead Acid (VRLA)		
Expandable Runtime No DC System Voltage (VDC) 48 Battery Recharge Rate (Included batteries) Less than 4 hours from 10% to 90% (typical, full load discharge) Battery Access Front panel battery access door Internal UPS Replacement Battery Cartridge Battery Access Battery Access Hots-martPro-UPS-RBC94-3U-RBC94-3U-RBC94-3U-Replacement-48VDC-Battery-Cartridge-select-Tripp-Lite-SmartPro-UPS-RBC94-3U-RBC94-3	Runtime Full Load (min.)	8.5 min. (3750W)		
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Time Instantaneous EMI / RFI AC Noise Suppression Yes PHYSICAL Primary Form Factor Rackmount Rack Height 3U	UPS AC Suppression Joule Rating	1020		
PHYSICAL Primary Form Factor Rackmount Rack Height 3U		Instantaneous		
Primary Form Factor Rackmount Rack Height 3U	EMI / RFI AC Noise Suppression	Yes		
Rack Height 3U	PHYSICAL			
	Primary Form Factor	Rackmount		
Cooling Method Fan	Rack Height	3U		
	Cooling Method	Fan		



Installation Form Factors Supported with Included Accessories	4 post 19 inch rackmount
Installation Form Factors Supported with Optional Accessories	2 post rackmount (2POSTRMKITHD); Tower (2-9USTAND)
Minimum Required Rack Depth (cm)	76.20
Minimum Required Rack Depth (inches)	30
Primary UPS Depth (mm)	635
Primary UPS Height (mm)	133
Primary UPS Width (mm)	445
Shipping Dimensions (hwd / in.)	12.00 x 23.00 x 33.00
Shipping Dimensions (hwd / cm)	30.48 x 58.42 x 83.82
Shipping Weight (lbs.)	182.00
Shipping Weight (kg)	82.55
UPS Housing Material	Steel
UPS Power Module Dimensions (hwd, cm)	13.34 x 44.45 x 63.50
UPS Power Module Dimensions (hwd, in.)	5.25 x 17.5 x 25
UPS Power Module Weight (kg)	65.00
UPS Power Module Weight (lbs.)	143.3
Unit Weight (lbs.)	143.3000
Unit Weight (kg)	65.00
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)	366
AC Mode Efficiency Rating (100% Load)	97%
Battery Mode Heat Dissipation (BTU/Hr) @ Full Load	1423
Audible Noise	45 dBA maximum, front side 1m
COMMUNICATIONS	
Network Management Cards	TLNETCARD ; WEBCARDLXE



Supports detailed monitoring of UPS and site power conditions
For local monitoring via the UPS's built-in communication ports, download PowerAlert software at https://tripplite.eaton.com/products/power-alert
USB and DB9 cabling included
Supports Watchdog application, OS and hard-reboot restart options for remote applications
Network management card optional
Contact closure; DB9 Serial; EPO (emergency power off); Slot for SNMP/Web interface; USB
7 milliseconds (AC to Battery), 1 millisecond (Battery to AC)
167
260
Cold-start operation supported
Auto Probe Monitoring (requires WEBCARDLXE); Automatic Voltage Regulation (AVR); Hot swappable batteries; Remote management; Surge/noise protection
Greater than 95% efficiency - GREEN UPS
Back panel grounding lug
Large Network
CSA (Canada); UL 1778
RoHS; ENERGY STAR Qualified; FCC Part 15 Class A (USA)
2-year warranty, 3 year with registration. Note: Registration is required for 3-year warranty.
\$250,000 Ultimate Lifetime Insurance







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