Chipsmall

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With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

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

MODEL NUMBER: **SMART5000TEL3U**

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; Hot-swappable internal batteries
- 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

Description

Tripp Lite's SMART5000TEL3U intelligent, line interactive UPS protects server, networking and telecommunications equipment from blackouts, voltage fluctuations and surges in a compact rackmount housing. Completely self-contained UPS system occupies only 3 rack spaces (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 5000 VA/3750 watt UPS system accepts raw AC input, adjusting output to regulated 208V levels. One pair of 120V outlets support up to 600VA monitors and other low voltage accessories. Includes slot for internal Network Management Card option. Includes 2 DB9 and 2 USB enhanced 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 20 and 30 amp 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 Tripp Lite's PowerAlert
  software, available via FREE download from www.tripplite.com/poweralert
- 4 built-in communications ports (2 USB/2 DB9) for remote monitoring and unattended shutdown
- Compatible with Tripp Lite UPS management card options TLNETCARD, WEBCARDLX and
  SNMPWEBCARD
- 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

OUTPUT	
Output Volt Amp Capacity (VA)	5000
Output kVA Capacity (kVA)	5
Output Watt Capacity (Watts)	3750
Output kW Capacity (kW)	3.75
Output Capacity Details	120V 5-15R outlets are limited to 450 watts (max.)
Power Factor	0.75
Nominal Output Voltage(s) Supported	208V
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 Receptacles	(2) 5-15R; (2) L6-20R; (1) L6-30R
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

INPUT	
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
Input Phase	Single-Phase

BATTERY	
Full Load Runtime (min.)	8.5 min. (3750w)
Half Load Runtime (min.)	20 min. (1875w)
DC System Voltage (VDC)	48
Battery Recharge Rate (Included Batteries)	Less than 4 hours from 10% to 90% (typical, full load discharge)
Internal UPS Replacement Battery Cartridge	RBC94-3U (quantity 3)
Battery Access	Front panel battery access door
Battery Replacement Description	Hot-swappable, user replaceable batteries
Expandable Runtime	No

VOLTAGE REGULATION	
Voltage Regulation Description	Automatic voltage regulation (AVR) maintains line power operation with an input voltage range of 167 to 260
Overvoltage Correction	Input voltages between 228V and 260V are reduced by 12%
Undervoltage Correction	Input voltages between 167V and 194V are boosted by 12%

USER INTERFACE, ALERTS & CONTROLS	
Switches	2 Switches control off/on power status and alarm-cancel/self-test operation
Alarm Cancel Operation	Power-fail alarm can be silenced using alarm-cancel switch; once silenced, alarm will re-sound to indicate low-battery status
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 Time	Instantaneous
EMI / RFI AC Noise Suppression	Yes

PHYSICAL

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)
Primary Form Factor	Rackmount
UPS Power Module Dimensions (hwd, in.)	5.25 x 17.5 x 25
UPS Power Module Dimensions (hwd, cm)	13.34 x 44.45 x 63.50
Rack Height (U Spaces)	3
Minimum Required Rack Depth (inches)	30
Minimum Required Rack Depth (cm)	76.20
UPS Power Module Weight (lbs.)	143.3
UPS Power Module Weight (kg)	65.00
Shipping Dimensions (hwd / in.)	12.000 x 23.000 x 33.000
Shipping Dimensions (hwd / cm)	30.48 x 58.42 x 83.82
Shipping Weight (lbs.)	181.8800
Shipping Weight (kg)	82.50
Cooling Method	Fan
UPS Housing Material	Steel
Primary UPS Height (mm)	133
Primary UPS Width (mm)	445
Primary UPS Depth (mm)	635

ENVIRONMENTAL

Operating Temperature Range	+32 to +104 degrees Fahrenheit / 0 to +40 degrees Celsius
Storage Temperature Range	+5 to +122 degrees Fahrenheit / -15 to +50 degrees Celsius
Relative Humidity	0 to 95%, non-condensing
AC Mode BTU / Hr. (Full Load)	366
Battery Mode BTU / Hr. (Full Load)	1423
AC Mode Efficiency Rating (100% Load)	97%

COMMUNICATIONS

Communications Interface	USB; DB9 Serial; EPO (emergency power off); Slot for SNMP/Web interface
Network Management Cards	SNMPWEBCARD; TLNETCARD; WEBCARDLX

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 Local software at http://www.tripplite.com/poweralert
Communications Cable	USB and DB9 cabling included
WatchDog Compatibility	Supports Watchdog application, OS and hard-reboot restart options for remote applications

LINE / BATTERY TRANSFER	
Transfer Time	7 milliseconds (AC to Battery), 1 millisecond (Battery to AC)
Low Voltage Transfer to Battery Power (Setpoint)	167
High Voltage Transfer to Battery Power (Setpoint)	260

SPECIAL FEATURES	
Grounding Lug	Back panel grounding lug
Cold Start (Startup in Battery Mode During a Power Failure)	Cold-start operation supported
High Availability UPS Features	Hot swappable batteries
Green Energy-Saving Features	Greater than 95% efficiency - GREEN UPS

CERTIFICATIONS	
UPS Certifications	Tested to UL1778 (USA); Tested to CSA (Canada); Meets FCC Part 15 Category A (EMI)

WARRANTY	
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