Tripp Lite
1111 W. 35th Street
Chicago, IL 60609 USA
Telephone: 773.869.1234
www.tripplite.com

SmartPro 1.5kVA Line Interactive UPS, Tower, Serial, 230V

MODEL NUMBER: **SMARTINT1500**

Highlights

- 1.5kVA / 1500VA line interactive tower UPS system
- 230V nominal output during brownouts to 165V and overvoltages to 277V
- Front panel status LEDs with load and battery capacity level display
- 2 DB9 ports; 2 C13 to C14 cables; Hot-swap batteries
- C14 inlet; 6 C13 outlets

Package Includes

- SMARTINT1500 UPS System
- 2 IEC-320 C13 to C14 power cables
- 2 DB9 monitoring cables
- PowerAlert unattended shutdown and UPS/Power monitoring software
- Instruction manual with warranty information

Description

Tripp Lite's SMARTINT1500 intelligent, line interactive UPS system protects servers, networking accessories and telecommunications equipment from blackouts, voltage fluctuations and transient surges. Large internal batteries offer 20 minutes half load runtime and 7 minutes at full load during power failures. 1500VA/940 watt power handling capability supports a variety of networking, telecom and various other application types, including the support of multiple network workstations. Includes a total of 6 IEC320-C13 outlets. Supports remote monitoring of UPS and site power conditions via built-in DB9 serial and DB9 contact closure ports. Includes PowerAlert UPS monitoring and unattended shutdown software with complete cabling. Built-in audible alarm and 5 front panel LEDs indicate status of line power, battery power, battery low/replace, voltage regulation and load level. Wall mountable with optional UPSWM wallmount bracket. Network-grade AC surge suppression protects equipment from damage and performance problems resulting from transient surges. Attractive, small-footprint tower.

Features

- 1500VA/940 watt power handling capability supports a variety of networking, telecom and various other application types
- Built-in voltage regulation and battery support, plus complete AC suppression prevents equipment damage, data loss and downtime
- Large internal batteries offer 20 minutes half load runtime and 7 minutes at full load during power failures
- Automatic Voltage Regulation (AVR) circuits with two boost and one voltage reduction level maintains usable 230V nominal output over an input voltage range of 165-277V
- Includes 1 DB9 serial and 1 DB9 contact closure monitoring port for remote monitoring of UPS status and site power conditions
- Communications ports support messaging of UPS and line power status, including on-battery, low-battery, power-restored, AC line voltage, DC battery voltage and battery capacity
- PowerAlert UPS monitoring and unattended shutdown software with complete cabling included
- Includes 6 UPS-supported outlets
- Notification of system status via 5 LEDs and multi-function audible alarms
- Wall mountable with UPSWM wallmount bracket
- Attractive small footprint beige tower housing
- Hot-swappable/user replaceable batteries allow on-site battery replacement

- Network-grade AC surge suppression
- UPS battery set ships fully assembled, no time consuming connection of internal batteries by user is necessary
- Optional PDUBHV10 bypass PDU enables hot-swappable UPS replacement with no disruption to connected equipment

Specifications

SELECTOR	
Selector Type	UPS SYSTEMS
General Info	
Product Group	UPS SYSTEMS
TAA Compliant	No
OVERVIEW	
UPS Family	SmartPro Network
UPS Type	Line-Interactive
OUTPUT	
Output Volt Amp Capacity (VA)	1500
Output kVA Capacity (kVA)	1.5
Output Watt Capacity (Watts)	940
Power Factor	0.6
Nominal Output Voltage(s) Supported	220V; 230V; 240V
Nominal Voltage Details	230v inverter nominal output voltage
Frequency Compatibility	50 / 60 Hz
Output Voltage Regulation (Line Mode)	-15%, +8%
Output Voltage Regulation (Battery Mode)	+/- 5%
Output Receptacles	(6) C13
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)	PWM sine wave
INPUT	
Rated input current (Maximum Load)	6.5A

Nominal Input Voltage(s) Supported	230V AC
UPS Input Connection Type	C14 inlet
Input Circuit Breakers	10A
Input Phase	Single-Phase
BATTERY	
Full Load Runtime (min.)	7 min. (940w)
Half Load Runtime (min.)	20 min. (470w)
DC System Voltage (VDC)	36
Battery Recharge Rate (Included Batteries)	Less than 4 hours from 10% to 90% (typical, full load discharge)
Internal UPS Replacement Battery Cartridge	RBC53
Battery Access	Battery access door
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 166 to 277
Overvoltage Correction	Input voltages between 243 and 277 are reduced by 12%
Undervoltage Correction	Input voltages between 191 and 215 are boosted by 10%
Severe Undervoltage Correction	Input voltages between 165 and 190 are boosted by 22%
LEDS ALARMS & SWITCHES	
LED Indicators	5 LEDs indicate line power, battery power, overload, voltage regulation and battery low/replace status
Audible Alarm	Audible alarm indicates power-failure and low-battery conditions
Alarm Cancel Operation	Power-fail alarm can be silenced using alarm-cancel switch; once silenced, alarm will re-sound to indicate low-battery status
Switches	2 Switches control off/on power status and alarm-cancel/self-test operation
SURGE / NOISE SUPPRESSION	
UPS AC Suppression Joule Rating	480
UPS AC Suppression Response Time	Instantaneous
EMI / RFI AC Noise Suppression	Yes
PHYSICAL	
Installation Form Factors Supported with Optional Accessories	Wallmount (UPSWM - tower mounting kit)
Primary Form Factor	Tower

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UPS Power Module Dimensions (hwd, in.)	12.8 x 7.5 x 9.2
UPS Power Module Dimensions (hwd, cm)	32.4 x 19 x 23.5
UPS Power Module Weight (lbs.)	38.6
UPS Power Module Weight (kg)	17.5
UPS Shipping Dimensions (hwd / in.)	18.2 x 12 x 13.8
UPS Shipping Dimensions (hwd / cm)	46.4 x 30.5 x 34.9
Shipping Weight (lbs.)	43.2
Shipping Weight (kg)	19.6
UPS Housing Material	Polycarbonate
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)	204
Battery Mode BTU / Hr. (Full Load)	435.8
AC Mode Efficiency Rating (100% Load)	94%
COMMUNICATIONS	
Communications Interface	DB9 Serial; Contact closure
Network Monitoring Port Description	Supports detailed monitoring of UPS and site power conditions; contact closure communications via 2nd DB9 port (2 total)
PowerAlert Software	Included
Communications Cable	2 DB9 cables included
LINE / BATTERY TRANSFER	
Transfer Time	2-4 milliseconds
Low Voltage Transfer to Battery Power (Setpoint)	165
High Voltage Transfer to Battery Power (Setpoint)	277
SPECIAL FEATURES	
Cold Start (Startup in Battery Mode During a Power Failure)	Cold-start operation supported
High Availability UPS Features	Hot swappable batteries

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CERTIFICATIONS	
UPS Certifications	Tested to UL1778 (USA); Tested to CSA (Canada); CE; Tested to GOST (Russia); Tested to SASO (Saudi Arabia); Tested to IRAM (Argentina)
UPS Certification Details	EMI approvals 62040
WARRANTY	
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
APPLICATIONS	
UPS Applications	Network/Server

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