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## Model #: SMARTINT1500

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



#### 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

#### 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.

#### 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

#### 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

## Specifications

<b>OUTPUT</b>	
Output Volt Amp Capacity (VA)	1500
Output kVA capacity (kVA)	1.5
Output Watt Capacity (watts)	940
Output 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%
Built-in UPS output receptacles	6 C13 outlet(s)
Included output power cables	Includes 2 C13 to C14 output power cables
Output AC waveform (AC mode)	Sine wave
Output AC waveform (battery mode)	PWM sine wave
<b>INPUT</b>	
Rated input current (at maximum load)	6.5A
Nominal Input Voltage(s) Supported	230V AC
UPS input connection type	C14 inlet
Input circuit breaker	10A
Phase	Single-Phase
<b>BATTERY</b>	
Full load runtime (minutes)	7 min. (940w)
Half load runtime (minutes)	20 min. (470w)
DC system voltage (VDC)	36
Battery recharge rate (included batteries)	Less than 4 hours from 10% to 90%

Replacement battery cartridge (internal UPS battery replacement)	RBC53
Battery Access	Battery access door
Battery replacement description	Hot-swappable, user replaceable batteries
<b>VOLTAGE REGULATION</b>	
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%
<b>LEDS ALARMS &amp; SWITCHES</b>	
LED Indicators	5 LEDs indicate line power, battery power, overload, voltage regulation and battery low/replace status
Alarms	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
<b>SURGE / NOISE SUPPRESSION</b>	
UPS AC suppression joule rating	480
UPS AC suppression response time	Instantaneous
EMI / RFI AC noise suppression	Yes
<b>PHYSICAL</b>	
Installation form factors supported with included accessories	Tower
Installation form factors supported with optional accessories	Wallmount (UPSWM - tower mounting kit)
Primary form factor	Tower
UPS / Power Module dimensions in primary form factor (height x width x depth / inches)	12.8 x 7.5 x 9.2
UPS / Power Module dimensions in primary form factor (height x width x depth / cm)	32.4 x 19 x 23.5
UPS / Power Module weight (lbs)	38.6
UPS / Power Module weight (kg)	17.5

<b>UPS Shipping dimensions (height x width x depth / inches)</b>	18.2 x 12 x 13.8
<b>UPS Shipping dimensions (height x width x depth / cm)</b>	46.4 x 30.5 x 34.9
<b>Shipping weight (lbs)</b>	43.2
<b>Shipping weight (kg)</b>	19.6
<b>UPS housing material</b>	Polycarbonate
<b>ENVIRONMENTAL</b>	
<b>Operating Temperature Range</b>	+32 to +104 degrees Fahrenheit / 0 to +40 degrees Celsius
<b>Storage Temperature Range</b>	+5 to +122 degrees Fahrenheit / -15 to +50 degrees Celsius
<b>Relative Humidity</b>	0 to 95%, non-condensing
<b>AC mode BTU / hr. (full load)</b>	204
<b>Battery mode BTU / hr. (full load)</b>	435.8
<b>COMMUNICATIONS</b>	
<b>Communications interface</b>	DB9 Serial; Contact closure
<b>Network monitoring port description</b>	Supports detailed monitoring of UPS and site power conditions; contact closure communications via 2nd DB9 port (2 total)
<b>PowerAlert software</b>	Included
<b>Communications cable</b>	2 DB9 cables included
<b>LINE / BATTERY TRANSFER</b>	
<b>Transfer time</b>	2-4 milliseconds
<b>Low voltage transfer to battery power (setpoint)</b>	165
<b>High voltage transfer to battery power (setpoint)</b>	277
<b>SPECIAL FEATURES</b>	
<b>Cold Start (startup in battery mode during a power failure)</b>	Cold-start operation supported
<b>High availability UPS features</b>	Hot swappable batteries
<b>CERTIFICATIONS</b>	
<b>UPS Certifications</b>	Tested to UL1778 (USA); Tested to CSA (Canada); CE; Tested to GOST (Russia); Tested to SASO (Saudi Arabia); Tested to IRAM (Argentina)
<b>UPS Certification details</b>	EMI approvals 62040
<b>WARRANTY</b>	
<b>Product Warranty Period (International)</b>	2-year limited warranty

<b>Product Warranty Period (Mexico)</b>	2-year limited warranty
<b>Product Warranty Period (Puerto Rico)</b>	2-year limited warranty

## Related Items

### Optional Products

Related Model	Description	Qty.
<a href="#">DCATV</a>	Network Surge Suppressor - Essential protection for TV/VCR coaxial lines	1
<a href="#">DNET1</a>	Network Surge Suppressor - Essential protection for data and communication lines	1
<a href="#">DTEL2</a>	Network Surge Suppressor - Essential protection for data and communication lines	1
<a href="#">PDU12IEC</a>	Basic PDU / Power Distribution Unit - Safe, reliable power distribution for critical networking equipment	1
<a href="#">UPSWM</a>	Wallmount Bracket and installation accessories (4 washers, 4 screws, 1 Velcro safety strap)	1

More information, including related products, owner's manuals, and additional technical specifications, can be found online at [www.tripplite.com/en/products/model.cfm?txtModelID=2719](http://www.tripplite.com/en/products/model.cfm?txtModelID=2719).

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