

SmartPro Tower UPS - Intelligent, line-interactive battery backup and network power management

MODEL NUMBER: SMART700





Description

Tripp Lite's SMART 700 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 6 minutes at full load during power failures. 700VA/450 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 UPS supported outlets. Supports remote monitoring of UPS and site power conditions via built-in USB monitoring port. 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 UPSWM wallmount bracket. Network-grade AC surge suppression protects equipment from damage and performance problems resulting from transient surges. Attractive, small-footprint tower housing uses less than 53 square inches of floor or desktop space. Two year warranty with \$250,000 connected equipment insur.

Features

- 700VA/450 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 line surge suppression prevents equipment damage, data loss and downtime
- Large internal batteries offer 20 minutes half load runtime and 6 minutes at full load during power failures
- Automatic Voltage Regulation (AVR) circuits with two boost and one voltage reduction level maintains usable 120V nominal output over an input voltage range of 75-147V
- Includes a total of 6 NEMA5-15R outlets
- Includes USB communications port for remote monitoring of UPS status and site power conditions
- Communications port enables safe unattended shutdown without data loss during extended power failures
- Communications port supports messaging of UPS and line power status, including on-battery, lowbattery, power-restored, AC line voltage, DC battery voltage and battery capacity
- Communications ports support timed inverter shutoff after unattended shutdown, activate self-test and 10 second reboot of connected equipment
- PowerAlert UPS monitoring and unattended shutdown software with complete cabling included

Highlights

- 700VA line interactive tower UPS
- Maintains 120V nominal output over an input range of 75 to 147V
- Network communications supported via USB port
- Current monitoring
- Input: NEMA 5-15P (120V 15A) / Output: 6 NEMA 5-15R (120V)
- 2 year product warranty / \$250,000 Ultimate Lifetime Insurance (USA, Puerto Rico & Canada only)

Package Includes

- SMART 700 UPS System
- Monitoring cable
- PowerAlert unattended shutdown and UPS/Power monitoring software
- Instruction manual with warranty information



- Battery replacement door
- Supports Tripp Lite's WatchDog software application to restore unresponsive programs by automatically
 restarting them and rebooting completely locked computers by automatically switching UPS power off
 and back on again
- Notification of system status via 5 LEDs and multi-function audible alarms
- Wall mountable with UPSWM wallmount bracket
- Attractive small footprint black tower housing uses less than 53 square inches
- · Hot-swappable batteries allow on-site battery replacement
- Cold start capability enables UPS turn-on in battery mode during blackout conditions
- UL (USA), cUL (Canada), NOM (Mexico), Class A (Emissions) Listed
- \$250,000 Ultimate Lifetime Insuran.
- 2 year manufacturers product warranty

Specifications

OVERVIEW		
UPC Code	037332033765	
INPUT		
Rated input current (Maximum Load)	4.4A	
Nominal Input Voltage(s) Supported	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	
Input Phase	Single-Phase	
Input Cord Length (ft.)	6	
Input Cord Length (m)	1.83	
OUTPUT		
Output Volt Amp Capacity (VA)	700	
Output Watt Capacity (Watts)	450	
Power Factor	0.6	
Frequency Compatibility	60 Hz	
Output Voltage Regulation (Line Mode)	-18%, +8%	
Output Voltage Regulation (Battery Mode)	115V (+/- 5%)	
Output AC Waveform (AC Mode)	Sine wave	



Model Protestate water Seption Indian Colput Voltage(s) 115V. 120V Output Receptades (6) 5-15R BATTERY Seption Indian Comput Voltage(s) Full Load Runtime (min.) 5 min. (450w) Colput Voltage(s) 12 DC System Voltage (Not) 12 DC System Voltage (Included) Leas than 6 hours from 10% to 90% Battery Recharge Rate (Included) Leas than 6 hours from 10% to 90% Battery Recharge Rate (Included) Leas than 6 hours from 10% to 90% Battery Recharge Rate (Included) Leas than 6 hours from 10% to 90% Battery Recharge Rate (Included) Leas than 6 hours from 10% to 90% Battery Recharge Rate (Included) Leas than 6 hours from 10% to 90% Battery Recharge Rate (Included) Leas than 6 hours from 10% to 90% Battery Recharge Rate (Included) Leas than 6 hours from 10% to 90% Battery Recharge Rate (Included) Automatic voltage regulation (AVR) maintains line power operation with an input voltage range of 75V to 147V Voltage Regulation Description Automatic voltage regulation (AVR) maintains line power operation with an input voltage range of 75V to 147V Noterolage Correction Input voltages between 75 and 92 are boosted b			
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Description Display BATTERY 6 min. (450w) Full Load Runtime (min.) 20 min. (225w) CC System Voltage (VDC) 12 Batter/ Recharge Rate (Included Less than 6 hours from 10% to 90% 14 Batter/ Recharge Rate (Included Less than 6 hours from 10% to 90% 15 Batter/ Recharge Rate (Included Less than 6 hours from 10% to 90% 16 Batter/ Recharge Rate (Included Less than 6 hours from 10% to 90% 16 Battery Recharge Rate (Included Less than 6 hours from 10% to 90% 16 Battery Recharge Rate (Included Less than 6 hours from 10% to 90% 17 Battery Recharge Rate (Included Less than 6 hours from 10% to 90% 18 Battery Replacement Description Hot swappable, user replaceable batteries VOLTAGE REGULATION Hot swappable, user replaceable batteries Voltage Regulation Description Automatic voltage regulation (AVR) maintains line power operation with an input voltage range of 75V to 147V Overvoltage Correction Input voltages between 93 and 107 are boosted by 12%. Undervoltage Correction Input voltages between 93 and 107 are boosted by 30% USER INTERFACE, ALERTS & CONTROLS Switches Switches 2 Switches control offion power	Nominal Output Voltage(s) Supported	115V; 120V	
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CC System Voltage (VDC) 12 Battery Recharge Rate (Included Batteries) Less than 6 hours from 10% to 90%. Battery Recharge Rate (Included Batteries) Less than 6 hours from 10% to 90%. Battery Recharge Rate (Included Datateries) Battery access door Internal UPS Replacement Battery Cartridge Rhbsp:ca class="productLink" href="//www.tripplite.com/UPS-Replacement-Battery-Cartridge-select-Tripp-Lite-Best- Liebert-Minuteman-other-UPS-REC52'xFBC52'x4a-Shbsp: (x2) Battery Replacement Description Hot-swappable, user replaceable batteries VOLTAGE REGULATION Voltage Regulation Description Voltage Correction Input voltages between 128 and 147 are reduced by 12%. Undervoltage Correction Input voltages between 93 and 107 are boosted by 14%. Undervoltage Correction Input voltages between 75 and 92 are boosted by 14%. User INTERFACE, ALERTS & COVTEX Switches 2 Switches control off/on power status and alarm-cancel/self-lest 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 Surger / NOISE SUPPRESSION LEDs indicate line power, battery power, overload, voltage regulation and battery low/replace status SURGE / NOISE Suppression Joule Rating 450	Full Load Runtime (min.)	6 min. (450w)	
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Internal UPS Replacement Battery Subspac lass="productLink" href="//www.tripplite.com/UPS-Replacement-Battery-Cartridge-select-Tripp-Lite-Best- Liebert-Minuteman-other-UPS-RBC52'>RBC52'>ABC52'/a>SAb55; (X2) Battery Replacement Description Hot-swappable, user replaceable batteries VOLTAGE REGULATION Voltage Regulation Description Voltage Regulation Description Automatic voltage regulation (AVR) maintains line power operation with an input voltage range of 75V to 147V Overvoltage Correction Input voltages between 128 and 147 are reduced by 12% Undervoltage Correction Input voltages between 75 and 92 are boosted by 14% Severe Undervoltage Correction Input voltages between 75 and 92 are boosted by 30% VBER INTERFACE, ALERTS & CONTURES Severe Undervoltage Correction Mar Cancel Operation Power-fail alarm can be silenced using alarm-cancel/self-test operation Alarm Cancel Operation Power-fail alarm indicates power-failure and low-battery conditions LED Indicators 5 LEDs indicate line power, battery power, overfoad, voltage regulation and battery low/replace status SURGE / NOISE SUPPRESSION Yes LPS AC Suppression Joule Rating 450 LPS AC Suppression Response Instantaneous EMI / RFI AC Noise Suppression Yes AC Suppre	Battery Recharge Rate (Included Batteries)	Less than 6 hours from 10% to 90%	
Battery Replacement Description Hot-swappable, user replaceable batteries VOLTAGE REGULATION Automatic voltage regulation (AVR) maintains line power operation with an input voltage range of 75V to 147V Voltage Regulation Description Automatic voltage regulation (AVR) maintains line power operation with an input voltage range of 75V to 147V Overvoltage Correction Input voltages between 128 and 147 are reduced by 12% Undervoltage Correction Input voltages between 93 and 107 are boosted by 14% Severe Undervoltage Correction Input voltages between 75 and 92 are boosted by 30% USER INTERFACE, ALERTS & CONTROLS Switches Switches 2 Switches control off/on power status and alarm-cancel/self-lest 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 and low-battery conditions SLED Indicators 5 LEDs indicate line power, battery power, overload, voltage regulation and battery low/replace status SURGE / NOISE SUPPRESSION UPS AC Suppression Joule Rating LPS AC Suppression Joule Rating 1800 AC Suppression Joule Rating 1800 AC Suppression Response Time Instantaneous PHY	Battery Access	Battery access door	
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Liebert-Minuteman-other-UPS~RBC52">RBC52 (x2)	
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AC Suppression Joule Rating 1800 AC Suppression Response Time Instantaneous PHYSICAL	UPS AC Suppression Response Time	Instantaneous	
AC Suppression Response Time Instantaneous PHYSICAL	EMI / RFI AC Noise Suppression	Yes	
PHYSICAL	AC Suppression Joule Rating	1800	
	AC Suppression Response Time	Instantaneous	
Primary Form Factor Tower	PHYSICAL		
	Primary Form Factor	Tower	



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Installation Form Factors Supported with Included Accessories	Tower	
Installation Form Factors Supported with Optional Accessories	Wallmount (<a class="productLink" href="//www.tripplite.com/Wall-Mount-Bracket-Installation-Accessories-
for-UPS-Systems~UPSWM">UPSWM - tower mounting kit)	
Primary UPS Depth (mm)	191	
Primary UPS Height (mm)	300	
Primary UPS Width (mm)	183	
Shipping Dimensions (hwd / cm)	39.37 x 27.94 x 28.58	
Shipping Dimensions (hwd / in.)	15.50 x 11.00 x 11.25	
Shipping Weight (kg)	11.34	
Shipping Weight (lbs.)	25.00	
UPS Housing Material	PVC	
UPS Power Module Dimensions (hwd, cm)	29.97 x 18.29 x 19.05	
UPS Power Module Dimensions (hwd, in.)	11.8 x 7.2 x 7.5	
UPS Power Module Weight (kg)	9.98	
UPS Power Module Weight (lbs.)	22	
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)	133	
Battery Mode BTU / Hr. (Full Load)	565.9	
AC Mode Efficiency Rating (100% Load)	92%	
COMMUNICATIONS		
Network Monitoring Port Description	Supports detailed monitoring of UPS and site power conditions	
PowerAlert Software	Included	
Communications Cable	USB cable included	
WatchDog Compatibility	Supports Watchdog application, OS and hard-reboot restart options for remote applications	
Communications Interface	USB	
LINE / BATTERY TRANSFER		
Transfer Time	2-4 milliseconds	
Low Voltage Transfer to Battery Power (Setpoint)	75	



High Voltage Transfer to Battery Power (Setpoint)	147	
FEATURES & SPECIFICATIONS		
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	
WARRANTY		
Product Warranty Period (Worldwide)	2-year limited warranty	
Connected Equipment Insurance (U.S., Canada & Puerto Rico)	\$250,000 Ultimate Lifetime Insurance	

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