

OmniSmart 120V 700VA 450W Line-Interactive UPS, Tower USB port, DB9 Serial

MODEL NUMBER: OMNISMART700





Description

Tripp Lite's OMNISMART700 line-interactive UPS system offers voltage regulation, surge suppression and long-lasting battery support for personal computers, internetworking equipment and other sensitive electronics. Supports entry-level PC systems for up to 45 min. during power failures so that connected equipment can be shut down without data loss. Automatic voltage regulation (AVR) circuits regulate brownouts as low as 75V and overvoltages as high as 147V back to normal 120V levels without consuming battery power. Offers complete desktop power protection in an attractive black upright tower configuration. Includes 3 battery-supported outlets for computer, monitor and one vital system peripheral, plus 3 additional surge suppression-only outlets for printers and other system accessories not requiring battery support. DB9 port and HID-compliant USB port enable optional unattended system shutdown without data loss in the case of extended power failure, cabling included. HID-compliant USB port enables integration with built-in power management and auto shutdown features of Windows and Mac OS X. PowerAlert software is available via free download. Built-in dataline protection jacks offer protection of a single dialup tel/DSL line or network Ethernet connection. Built-in audible alarm and 4 front panel LEDs indicate line power status, battery power status, battery low/replace status and overload. 700VA/450W power-handling ability supports entry-level PCs, network workstations, point-of-sale equipment, small business phone systems, audio/video equipment and home theater systems. Provides 2.2 min. battery runtime with a full load of 700VA/450W and 8.3 min. with a half load of 350VA/225W. Supports user battery replacement via built-in access panel. \$200,000 Ultimate Lifetime Insurance (USA and Canada Only).

Features

- OMNISMART700 line-interactive UPS system offers voltage regulation and battery support, plus complete AC and tel/DSL/Ethernet line surge suppression
- Supports entry-level PC systems for up to 45 min. during power failures to enable safe system shutdown
- Supports a full load of 700VA/450W for 2.2 min. and a half load of 350VA/225W for 8.3 min.

Highlights

- 700VA tower 120V line interactive UPS
- Corrects brownouts and overvoltages from 75V to 147V
- 3 UPS battery supported outlets, 3 surge-only outlets
- USB port, TEL/DSL protection, Front panel status LEDs
- NEMA 5-15P input plug and 6 NEMA 5-15R outlets

Package Includes

- OMNISMART700 UPS System
- DB9, USB and telephone interconnection cables
- Instruction manual with warranty information



- Automatic voltage regulation (AVR) circuits correct brownouts as low as 75V and overvoltages as high as 147V back to normal 120V levels without consuming battery power
- · Attractive black tower configuration
- Includes 6 NEMA 5-15R outlets: 3 battery-supported and 3 surge suppression-only outlets. 6-ft. AC line cord with NEMA 5-15P plug
- DB9 port and HID-compliant USB port enable data-saving unattended shutdown when used with Tripp Lite's PowerAlert software, available via FREE download from tripplite.eaton.com/products/power-alert
- HID-compliant USB port enables integration with built-in power management and auto shutdown features of Windows and Mac OS X
- 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 (part # WATCHDOGSW)
- Dataline suppression jacks protect a single dialup tel/DSL line or network Ethernet line connection
- Audible alarm and 4 front panel LEDs indicate UPS system and line power status
- 700VA/425W power-handling ability supports a variety of computer, internetworking, telecom and consumer electronics equipment
- Supports hot-swap battery replacement via built-in access panel
- Optional PDUB15 bypass PDU enables hot-swappable UPS replacement with no disruption to connected equipment
- Compatible with 120V/60Hz applications for USA, Canada, Mexico and more
- \$200,000 Ultimate Lifetime Insurance (USA and Canada Only)

Specifications

OVERVIEW		
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UPC Code	037332034144	
UPS Type	Line-Interactive	
INPUT		
Input Phase	Single-Phase	
Rated input current (Maximum Load)	12A	
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	
OUTPUT		
Output Capacity (VA)	700	
Output Capacity (Watts)	450	
Nominal Voltage Details	115v nominal output in battery mode	
Frequency Compatibility	60 Hz	



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Output Voltage Regulation (Line Mode)	-18%, +8%	
Output Voltage Regulation (Battery Mode)	+/- 5%	
UPS Output Receptacles (Surge Suppression Only)	3 UPS outlets, 3 surge-only outlets	
Hot-Swap PDU options	PDUB15 (2U / 8 5-15R outlets)	
Output AC Waveform (AC Mode)	Sine wave	
Output AC Waveform (Battery Mode)	PWM sine wave	
Nominal Output Voltage(s) Supported	110V; 115V; 120V	
Output Receptacles	(6) 5-15R	
Individually Controllable Load Banks	No	
BATTERY		
Runtime Full Load (min.)	2.2 min. (450w)	
Runtime Half Load (min.)	8.3 min. (225w)	
Expandable Runtime	No	
DC System Voltage (VDC)	12	
Battery Recharge Rate (Included Batteries)	Less than 4.5 hours from 10% to 90%	
Battery Access	Battery access door	
Internal UPS Replacement Battery Cartridge	RBC51	
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 75 to 147	
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	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 and low-battery conditions	
LED Indicators	4 LEDs indicate line power, battery power, overload and battery low/replace status	
SURGE / NOISE SUPPRESSION		



with Optional Accessories for-UPS-Systems-UPSWM*-JUPSWM-/a> - tower mounting kit) Primary UPS Depth (mm) 191 Primary UPS Height (mm) 274 Primary UPS Width (mm) 132 Shipping Dimensions (hwd / in.) 13.90 x 8.10 x 10.40 Shipping Dimensions (hwd / cm) 35.31 x 20.57 x 26.42 Shipping Weight (lbs.) 16.20 Shipping Weight (kg) 7.35 UPS Housing Material PVC UPS Power Module Dimensions (hwd, cm) 10.8 x 5.2 x 7.5 UPS Power Module Dimensions (hwd, cm) 10.8 x 5.2 x 7.5 UPS Power Module Weight (kg) 9.07 UPS Power Module Weight (kg) 9.07 UPS Power Module Weight (lbs.) 20 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) 38 AC Mode Efficiency Rating (100% Load) 512				
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		97%		
Audible Noise <40dB @ 1m	Battery Mode Heat Dissipation (BTU/Hr) @ Full Load	512		
Addiso Holo	Audible Noise	<40dB @ 1m		



COMMUNICATIONS		
PowerAlert Software	For local monitoring via the UPS's built-in USB or DB9 communication ports, download PowerAlert software at https://tripplite.eaton.com/products/power-alert	
Communications Cable	USB and DB9 serial cabling included	
WatchDog Compatibility	Supports Watchdog application, OS and hard-reboot restart options for remote applications	
Network UPS Tools (NUT) Compatibility	NUT compatible. See the full list of Tripp Lite NUT compatible UPS systems at https://www.networkupstools.org/stable-hcl.html?manufacturer=Tripp Lite	
Communications Interface	DB9 Serial; USB (HID enabled)	
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	
APPLICATIONS		
UPS Applications	Home/Office Desktop	
WARRANTY & SUPPORT		
Product Warranty Period (Worldwide)	2-year limited warranty	
Connected Equipment Insurance (U.S., Canada & Puerto Rico)	\$200,000 Ultimate Lifetime Insurance	



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