Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

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

MODEL NUMBER: **OMNISMART700**

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

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.
- 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 www.tripplite.com/poweralert
- 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	
UPC Code	037332034144

OUTPUT	
Output Volt Amp Capacity (VA)	700
Output Watt Capacity (Watts)	450
Nominal Output Voltage(s) Supported	110V; 115V; 120V
Nominal Voltage Details	115v nominal output in battery mode
Frequency Compatibility	60 Hz
Output Voltage Regulation (Line Mode)	-18%, +8%
Output Voltage Regulation (Battery Mode)	+/- 5%

Output Receptacles	(6) 5-15R
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

INPUT	
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
Input Phase	Single-Phase

BATTERY	
Full Load Runtime (min.)	2.2 min. (450w)
Half Load Runtime (min.)	8.3 min. (225w)
DC System Voltage (VDC)	12
Battery Recharge Rate (Included Batteries)	Less than 4.5 hours from 10% to 90%
Internal UPS Replacement Battery Cartridge	RBC51
Battery Access	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 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	
UPS AC Suppression Joule Rating	510
UPS AC Suppression Response Time	Instantaneous
UPS Dataline Suppression	1 line TEL/DSL (1 in / 1 out); 10/100Base T Ethernet
EMI / RFI AC Noise Suppression	Yes
AC Suppression Joule Rating	510
AC Suppression Response Time	Instantaneous
Dataline Suppression	1 line TEL / DSL or 10Base T Ethernet protection

PHYSICAL	
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 (hwd, in.)	10.8 x 5.2 x 7.5
UPS Power Module Dimensions (hwd, cm)	27.43 x 13.21 x 19.05
UPS Power Module Weight (lbs.)	20
UPS Power Module Weight (kg)	9.07
Shipping Dimensions (hwd / in.)	13.900 x 8.100 x 10.400
Shipping Dimensions (hwd / cm)	35.31 x 20.57 x 26.42
Shipping Weight (lbs.)	16.2000
Shipping Weight (kg)	7.35
UPS Housing Material	PVC
Primary UPS Height (mm)	274
Primary UPS Width (mm)	132
Primary UPS Depth (mm)	191

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

Battery Mode BTU / Hr. (Full Load)	512
AC Mode Efficiency Rating (100% Load)	97%
Audible Noise	<40dB @ 1m

COMMUNICATIONS	
Communications Interface	USB (HID enabled); DB9 Serial
PowerAlert Software	For local monitoring via the UPS's built-in USB or DB9 communication ports, download PowerAlert Local software at http://www.tripplite.com/poweralert
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 Compatibility	NUT compatible. See the full list of Tripp Lite NUT compatible UPS systems at http://www.networkupstools.org/stable-hcl.html?manufacturer=Tripp Lite

LINE / BATTERY TRANSFER	
Transfer Time	2-4 milliseconds
Low Voltage Transfer to Battery Power (Setpoint)	75
High Voltage Transfer to Battery Power (Setpoint)	147

SPECIAL FEATURES	
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); Tested to NOM (Mexico); Meets FCC Part 15 Category B (EMI)

WARRANTY	
Product Warranty Period (Worldwide)	2-year limited warranty
Connected Equipment Insurance (U.S., Canada & Puerto Rico)	$200,000 Ultimate Lifetime Insurance