



Tripp Lite
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Smart Pro Tower UPS System - NAFTA assembled version of SMART700

MODEL NUMBER: **SM700NAFTA**

Description

Tripp Lite's SM700NAFTA 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, low-battery, 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
- 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

Highlights

- 700VA line interactive tower UPS system for 120V network applications
- Enhanced USB communications port, free software and cabling
- Corrects brownouts and overvoltages from 75 to 147V
- 6 outlets
- \$250,000 Ultimate Lifetime Insurance (USA, Puerto Rico & Canada only)

Package Includes

- SM700NAFTA UPS System
- Monitoring cable
- PowerAlert unattended shutdown and UPS/Power monitoring software
- Instruction manual with warranty information



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- 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	037332137562
INPUT	
UPS Input Cord Length (ft.)	6
UPS Input Cord Length (m)	1.8
Recommended Electrical Service	15A 120V
Maximum Input Amps	4.4
Input Connection Type	NEMA 5-15P
Voltage Compatibility (VAC)	120
OUTPUT	
Frequency Compatibility	60 Hz
Output (VA)	700
Output (Watts)	450
Output Nominal Voltage	120V AC
Output Voltage Regulation	LINE MODE: Sine wave line voltage 120V (-18% / +8%)
Output Frequency Regulation	LINE MODE: Passes line frequency of 60Hz +/-10%
BATTERY	
Full Load Runtime (min.)	6 minutes (700VA)
Half Load Runtime (min.)	20 minutes (350VA)
DC System Voltage (VDC)	12
Battery Access	Battery access door allows user replacement of UPS batteries
Replacement Battery Cartridge	RBC52 (quantity 2)
Typical Battery Lifespan	3-6 years, depending on usage
Battery Charge	2-4 hours to 90%
VOLTAGE REGULATION	



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Voltage Regulation Description	Automatic Voltage Regulation (AVR) circuits maintain clean, regulated computer-grade 120V nominal output, without using battery power, during brownouts to 75V and overvoltages to 147V
Overvoltage Correction	Input voltages between 128 and 147V AC are reduced by 12%
Brownout Correction	Input voltages between 93 and 107V AC are boosted by 14%
Severe Brownout Correction	Input voltages between 75 and 92V AC are boosted by 30%
USER INTERFACE, ALERTS & CONTROLS	
Front Panel LEDs	Includes 5 front panel LEDs to indicate BATTERY CHARGE LEVEL, AC LINE POWER STATUS, VOLTAGE REGULATION STATUS, UPS LOAD LEVEL and BATTERY LOW / REPLACE information
Switches	Includes 2 front panel switches one main on/off power switch and one dual function "alarm cancel" / "self test" button
Audible Alarm	Audible alarm with 15 second delay sounds to indicate loss of utility power. Alarm can be silenced by pressing front panel alarm cancel button. Once silenced, alarm will re-sound when approximately 2 minutes runtime remain.
SURGE / NOISE SUPPRESSION	
UPS AC Suppression Joule Rating	480
EMI / RFI AC Noise Suppression	Yes
AC Suppression Response Time	Instantaneous
PHYSICAL	
Cooling Method	Convection
Form Factors Supported	Tower
Material of Construction	PVC
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)	11.61
Shipping Weight (lbs.)	25.60
Unit Dimensions (hwd / cm)	29.8 x 18.4 x 19.1
Unit Dimensions (hwd / in.)	11.75 x 7.25 x 7.5
Unit Weight (kg)	9.98
Unit Weight (lbs.)	22
ENVIRONMENTAL	
Relative Humidity	0 to 95%, non-condensing
COMMUNICATIONS	
WatchDog Compatibility	Yes, compatible with Tripp Lite's Watchdog system service to restore operation to locked equipment through soft reboot of application / OS or hard power off/on reboot of connected equipment - ideal for unattended kiosk applications



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Network Monitoring Port	Built-in USB port supports on battery, low battery, power restored, AC line voltage, DC battery voltage, load percentage, battery charge current, battery capacity, internal UPS temperature and line frequency status messaging. Interface supports timed inverter shutoff after unattended shutdown, activate self-test and 10 second reboot of connected equipment. Supports reboot of all connected devices at once via software interface. Compatible with Tripp Lite's PowerAlert software.
LINE / BATTERY TRANSFER	
Transfer Time (Line Power to Battery Mode)	2-4 milliseconds
Low Voltage Transfer to Battery Power	Switches to battery power as line voltage decreases to 75 volts or less. Resets back to line power mode as line voltage increases to 79V or higher.
High Voltage Transfer to Battery Power	Switches to battery power as line voltage increases to 147 volts or higher. Resets to line power mode as line voltage decreases to 143V or less.
SPECIAL FEATURES	
Cold Start	Yes, inverter can be "cold started" to enable temporary AC output during a power failure
STANDARDS & COMPLIANCE	
Certifications	Tested to UL1778 (USA), cUL (Canada), Class A (Emissions), NOM (Mexico), RoHS compliant
WARRANTY	
Product Warranty Period (Worldwide)	2-year limited warranty
Optional Coverage	3-5 year warranties, plus next day and on-site warranty coverage available for select opportunities. Contact Tripp Lite for additional information.
Connected Equipment Insurance (U.S., Canada & Puerto Rico)	\$250,000 Ultimate Lifetime Insurance

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