SmartPro .7kVA Line Interactive UPS, Tower, Serial Port, 230V

MODEL NUMBER: **SMARTINT700**

Description

Tripp Lite's SMARTINT700 intelligent, line-interactive small tower UPS system protects servers, networking accessories and telecommunications equipment from blackouts, voltage fluctuations and transient surges. 700VA/425 watt power handling capability supports a variety of networking, telecom and a variety of other application types compatible with 220-240V/50 Hz power. Regulates input voltages between 164 and 277 back to normal 220-240 volt levels. Offers 20 minutes battery runtime at half load (350VA) and 6 minutes at full load (700VA). Includes a total of 5 UPS supported IEC320-C13 output receptacles, IEC320-C14 input connection accepts a variety of detachable cordsets to match country or site-specific wall receptacles. Includes enhanced DB9 monitoring port for unattended shutdown, remote control and monitoring of UPS system and power data.

Features

- 700VA/425 watt power handling capability supports a variety of networking, telecom and various other application types

- Maintains continuous operation during blackouts, brownouts and overvoltage conditions

- Provides half-load battery runtime of 20 minutes (350VA) and full load runtime of 6 minutes (700VA)

- Line-interactive voltage regulation corrects brownouts and overvoltages from 164 to 277 volts back to usable 220-240V output levels, without using battery power

- Includes a total of 5 UPS supported IEC320-C13 output receptacles

- IEC320-C14 input connection accepts a variety of detachable cordsets to match country or site-specific wall receptacles

- Included PowerAlert Software provides e-mail notification of power problems and the simultaneous automatic unattended shutdown of any number of servers over IP during extended power failures

- Built-in DB9 enhanced communications port offers remote monitoring and unattended shutdown of connected server or standalone PC loads

- Small tower UPS uses only 50 square inches floor or desktop space, wall-mountable with optional UPSWM accessory

- Hot-swappable/user replaceable batteries allow on-site battery replacement without powering off connected equipment

- UPS battery set ships fully assembled and ready for installation, no time consuming, connection of internal batteries by user is necessary

- 2 year manufacturers product warranty

Specifications

OVERVIEW	
UPC Code	037332033772

INPUT	
Nominal Input Voltage(s) Supported	230V AC
UPS Input Connection Type	C14 inlet
UPS Input Connection Description	IEC320-C14 input connection accepts a variety of detachable cordsets to match country or site-specific wall receptacles

OUTPUT	
Output Capacity (VA)	700
Output Capacity (Watts)	425
Power Factor	0.6
Frequency Compatibility	50 / 60 Hz
Output Voltage Regulation (Line Mode)	-15%, +8%
Output Voltage Regulation (Battery Mode)	+/- 5%
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
Nominal Output Voltage(s) Supported	230V
Output Receptacles	(5) C13

BATTERY	
Runtime Full Load (min.)	6 min. (450w)
Runtime Half Load (min.)	20 min. (225w)
DC System Voltage (VDC)	12
Battery Recharge Rate (Included Batteries)	Less than 4 hours from 10% to 90%
Battery Access	Battery access door
Internal UPS Replacement Battery Cartridge	RBC52 (quantity 2)
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 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 166 and 190 are boosted by 22%

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	5 LEDs indicate line power, battery power, overload, voltage regulation and battery low/replace status

SURGE / NOISE SUPPRESSION	
UPS AC Suppression Joule Rating	480
UPS AC Suppression Response Time	Instantaneous
EMI / RFI AC Noise Suppression	Yes

PHYSICAL	
Primary Form Factor	Tower
Installation Form Factors Supported with Included Accessories	Tower
Installation Form Factors Supported with Optional Accessories	Wallmount (UPSWM - tower mounting kit)
Primary UPS Depth (mm)	231
Primary UPS Height (mm)	320
Primary UPS Width (mm)	160
Shipping Dimensions (hwd / in.)	15.50 x 11.00 x 11.25
Shipping Dimensions (hwd / cm)	39.37 x 27.94 x 28.58
Shipping Weight (lbs.)	32.40
Shipping Weight (kg)	14.70
UPS Housing Material	PVC
UPS Power Module Dimensions (hwd, cm)	32.00 x 16.00 x 23.11
UPS Power Module Dimensions (hwd, in.)	12.6 x 6.3 x 9.1

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)	125.7
AC Mode Efficiency Rating (100% Load)	92%
Battery Mode Heat Dissipation (BTU/Hr) @ Full Load	296

COMMUNICATIONS

Network Monitoring Port Description	Supports detailed monitoring of UPS and site power conditions
PowerAlert Software	Included
Communications Cable	DB9 serial cable included
Communications Interface	DB9 Serial

LINE / BATTERY TRANSFER

Transfer Time	2-4 milliseconds
Low Voltage Transfer to Battery Power (Setpoint)	164
High Voltage Transfer to Battery Power (Setpoint)	277

FEATURES & SPECIFICATIONS

Cold Start (Startup in Battery Mode During a Power Failure)	Cold-start operation supported
High Availability UPS Features	Hot swappable batteries

WARRANTY & SUPPORT

Product Warranty Period (International)	2-year limited warranty
Product Warranty Period (Mexico)	2-year limited warranty
Product Warranty Period (Puerto Rico)	2-year limited warranty