

SmartPro Dual Voltage Tower UPS System

Maintains 120V nominal output with either 120V or 230V input power



Cisco
Compatible

Cisco Systems
Technology Developer Partner

Model #: SMART700DV

- ▶ 700VA line-interactive tower UPS system powers 120V devices from global power sources
- ▶ Maintains 120V output with 120V or 230V input
- ▶ Corrects brownouts and overvoltages from 83-147V (120V) or 159-282V (230V) to regulated 120V nominal output
- ▶ 6 NEMA 5-15R outlets
- ▶ 2-year warranty

DESCRIPTION

Tripp Lite's dual-voltage SMART700DV line-interactive UPS system maintains 120V nominal output when fed with North American 120V or international 230V input voltage. Protects servers, networking accessories and telecommunications equipment from blackouts, voltage fluctuations and transient surges. Large internal batteries offer 55 min. half-load runtime and 22 min. full load runtime during power failures. 700VA/450W power handling capability supports a variety of networking, telecom and other applications, including multiple network workstations. Includes 6 UPS-supported outlets. Supports remote monitoring of UPS and site power conditions via built-in USB and RS-232 enabled DB9 ports. Works with PowerAlert UPS monitoring and unattended shutdown software available via free download from www.tripplite.com. Includes complete USB and serial 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. Network-grade AC surge suppression protects equipment from damage and performance problems resulting from transient surges. 2-year warranty.

KEY BUYING POINTS

- Tripp Lite's dual-voltage SMART700DV line-interactive UPS system maintains 120V nominal output when fed with North American 120V or international 230V input voltage
- Includes detachable input cord with NEMA 5-15P input plug
- Built-in C14 inlet supports a variety of user-supplied international high- and low-voltage input cables
- Protects servers, networking accessories and telecommunications equipment from blackouts, voltage fluctuations and transient surges
- Large internal batteries offer 55 min. half-load runtime and 22 min. full load runtime during power failures
- 700VA/450W power handling capability supports a variety of networking, telecom and various other applications types, including multiple network workstations
- Includes 6 UPS-supported outlets
- Supports remote monitoring of UPS and site power conditions via built-in USB and RS-232 enabled DB9 ports
- Works with PowerAlert UPS monitoring and unattended shutdown software, available via free download from www.tripplite.com
- Includes complete USB and serial 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
- Network-grade AC surge suppression protects equipment from damage and performance problems resulting from transient surges
- 2-year warranty
- 3 and 5 year extended warranty options available

TYPICAL APPLICATIONS

- Ideal for military, relief or other applications where low-voltage 120V output is required in both 120V North American or 230V international locations.

OPTIONS & ACCESSORIES

- USB hubs/accessories: [U202-004-R](#), [U205-004-R](#), [U022-010](#)
- Dataline protectors: [DNET1](#), [DTEL2](#), [DCATV](#)
- Power distribution: [PDU1215](#)
- Monitoring and control: [SNMPWEBCARD](#), [ENVIROSENSE](#)
- Extended Warranties: 3 Year [WEXT3-500-1500](#), 5 Year [WEXT5-500-1500](#)

PACKAGE INCLUDES

- SMART700DV UPS System
- Detachable NEMA5-15P power cord
- USB cabling and DB9 serial cabling
- Manual with warranty information

COMPLETE SPECIFICATIONS

SYSTEM OVERVIEW

System overview:	SmartPro 700VA line-interactive tower UPS maintains 120V nominal output with 120V nominal or 230V nominal input voltage
Voltage compatibility:	120 or 230V AC
Frequency compatibility:	50/60 Hz (UPS does not convert frequency)

OUTPUT

Output volt amp capacity (VA):	700
Output watt capacity (watts):	450
Output nominal voltage:	120V AC
Output voltage regulation:	120V (+8% / - 21%)
Output frequency regulation:	Passes line frequency of 50 or 60Hz +/-10%
Outlet quantity / type:	6 NEMA 5-15R
Overload protection:	Input circuit breaker

INPUT

Maximum input amps:	4.8A @ 120V (2.6A @ 230V)
Input connection type:	C14 inlet
Input cord length:	Includes NEMA 5-15P to C13 inlet

BATTERY

Full load runtime:	22 min.
Half load runtime:	55 min.
DC system voltage:	24VDC
Typical battery lifespan:	4-6 years
Battery recharge rate:	2-4 hours (to 90%)
Replacement Battery Cartridge:	Qty 4 - RBC51

VOLTAGE REGULATION

Voltage regulation description:	Automatic voltage regulation (AVR) circuits maintain clean, regulated computer-grade 120V nominal output, without using battery power, during brownouts to 83V and overvoltages to 147V (120V) / 159V to 282V (230V)
Overvoltage correction:	Overvoltages from 125V to 147 V (120V) and from 240V to 282V (230V) are reduced by 12%
Brownout correction:	Undervoltages from 83V to 104V (120V) and from 159V to 199V (230V) are boosted by 14%

LEDS ALARMS & SWITCHES

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
Alarms:	Audible alarm with 15 sec. 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 min. runtime remain.
Switches:	Includes 2 front panel switches—one main on/off power switch and one dual function "alarm cancel" / "self test" button

SURGE / NOISE SUPPRESSION

AC surge suppression:	570 joules
EMI / RFI AC noise suppression:	Yes

PHYSICAL

Shipping weight (lbs):	65
Shipping weight (kg):	29.5
Unit weight (lbs):	62
Unit weight (kg):	28.1
Unit Dimensions (HWD/in):	10.25 x 9 x 12.5
Unit Dimensions (HWD/cm):	26 x 22.9 x 31.75
Shipping Dimensions (HWD/in):	15.25 x 17.75 x 14.25
Shipping Dimensions (HWD/cm):	38.7 x 45.1 x 36.2
Material of construction:	Steel
Form factors supported:	Tower
Cooling method:	Fan
Battery Access:	Battery access door

ENVIRONMENTAL

Operating Temperature:	+32 to +104 degrees Fahrenheit
Storage Temperature:	+5 to +122 degrees Fahrenheit
Relative Humidity:	0 to 95%, non-condensing
Battery mode BTU/hr. (Max.):	313.4 BTU / hr.

COMMUNICATIONS

Network monitoring port:	Includes USB port, RS-232 enabled DB9 port and slot for optional SNMPWEBCARD accessory
Software and cabling included:	Software available via free download from www.tripplite.com
SNMP compatibility:	Built-in accessory slot accommodates internal SNMP / Web card and other network accessories

LINE / BATTERY TRANSFER

Transfer time from line power to battery mode:	2-4 milliseconds
Low voltage transfer to battery power:	Switches to battery power as line voltage drops to 83v or lower (159v at 230v nominal), resets to line power as line voltage increases to 87v or higher (167V at 230V nominal)
High voltage transfer to battery power:	Switches to battery power as line voltage increases to 147V or higher (282V at 230V nominal), resets to line power when line voltage drops to 143v or lower (274V at 230V nominal)

CERTIFICATIONS

Certifications:	Tested to UL1778 (USA), CSA C22.2 No. 107.3 (Canada), CE (IEC62040 / European Union), FCC Class A (Emissions)
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WARRANTY

Optional coverage:	Available 3 & 5 year extended warranty coverage. Next-day & on-site warranty coverage available to select opportunities
Product warranty:	2 years
Connected equipment insurance (USA and Canada Only):	\$250,000 connected equipment insurance (USA / Canada only)

SPECIAL FEATURES

EPO port:	Dedicated Emergency Power Off (EPO) port
Appearance:	Attractive black color scheme

*The policy of Tripp Lite is one of continuous improvement.
Specifications are subject to change without notice.
Therefore, your product may vary slightly from what is currently listed.*



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