

# SmartPro UPS System

## Model: SMART2600RM2U



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Tech Data Part Number:

**808016**



### Description

Tripp Lite's SMART2600RM2U intelligent, line-interactive UPS protects server, networking and telecommunications equipment from blackouts, voltage fluctuations and transient surges in a compact tower / rackmount housing. UPS system occupies only 2U of rack space in any 2- or 4-post 19 inch rackmount application with a maximum depth of only 14.1 inches. Also supports upright tower use with 2USTAND accessory. Large capacity 2600 VA / 2100 watt maximum rated UPS system offers 6 minutes runtime at full load and 18 minutes at half load during power failures. Runtime is further expandable with the addition of BP48V242U or BP48V60RT3U external battery packs. Line-interactive voltage regulation corrects brownouts as low as 75V and overvoltages as high as 147V to fully regulated 120V nominal output for smooth continuous operation of connected equipment. Includes a total of 9 outlets, 3 pairs of which can be individually powered off and back on via software interface to selectively reboot remote equipment or shed less critical loads to extend battery runtime for more critical loads. Battery runtime can be extended with external rackmount battery packs. Includes slot for internal SNMP/web card, plus 2 DB9 and 2 USB enhanced monitoring ports for unattended shutdown, remote control and monitoring of UPS system and power data. Ships in attractive black color scheme. Compatible with Tripp Lite's PowerAlert and Watchdog service software. 2 year warranty. \$50,000 connected equipment insurance (USA and Canada only).

### Key Buying Points

- 2600VA / 2100 watt output capacity accommodates a variety of server, networking and telecom devices
- High power density 2.6kVA UPS system occupies only 2 rack spaces (2U) in any standard 2-4 post 19 inch rackmount application
- Compatible with North American 120V / 60 Hz power as found in the USA, Canada and Mexico
- Offers 6 minutes runtime with a full load of 2600VA and 18 minutes with a half load of 1300VA
- Runtime is expandable with the addition of multiple external battery packs (BP48V212U - limit 1; or BP48V60RT3U - multi-pack compatible)
- Line-interactive voltage regulation corrects severe brownouts and overvoltages from 79 to 147V back to normal 120V levels without using battery power
- 9 total outlets (6 NEMA5-15R; 2 NEMA5-20R & 1 L5-20 twist-lock)
- Includes L5-20 20 amp input plug connection; package includes optional user installable NEMA L5-30 twist lock input plug connection
- Notification of system status via 5 LEDs and multi-function audible alarms
- Built-in Emergency Power Off (EPO) interface supports emergency shutoff in large facilities
- UPS battery set ships fully assembled and ready for use, no time consuming, connection of individual internal batteries by user is necessary
- UL (USA), cUL (Canada), NOM (Mexico), FCC Class A (Business) listed
- 2 year manufacturer's product warranty

### Typical Applications

Ideal for protection of sensitive electronics in any application calling for upright tower or 19 inch rackmount UPS protection. Common applications include any mix of servers, workstations, hubs, routers, concentrators, IP telephony and traditional PBX switching systems.

### Package Includes

- SMART2600RM2U UPS System
- PowerAlert Software and cabling
- Mounting hardware
- Warranty information
- Instruction manual

# SMART2600RM2U Specifications

Product Number: SMART2600RM2U Tech Data Part Number: 808016	
Volt amp capacity	2600
Watt_capacity	2100
Output voltage regulation	LINE MODE: Sine wave output within 9% of 120VAC. BATTERY MODE: PWM sine wave output within 5% of 120V
Output frequency regulation	LINE MODE: Passes line frequency of 60Hz +/-10%. BATTERY MODE: Inverter output regulated to 60Hz +/-0.5Hz.
UPS supported outlet quantity/type	Includes 9 output receptacles (6 NEMA 5-15R, 2 NEMA 5-20R and 1 NEMA L5-20 twist-lock)
Overload protection	Resettable circuit breaker
Maximum input amps / watts	19 amps / 2280 watts @ 120VAC
Input connection type	NEMA L5-20P input 20 amp twist lock input plug (includes NEMA L5-30 input plug for user modification to 30 amp twist lock input)
Input cord length, gauge	10.00 ft. / 3.05 m
Recommended electrical service	Dedicated 30 amp electrical service recommended
Full load runtime	6 minutes (2600VA)
Half load runtime	18 minutes (1300VA)
DC system voltage	48 volts DC
Typical battery lifespan	4-6 years
Battery recharge rate	2-4 hours to 90%
AC suppression joule / amp ratings	Meets IEEE587 / ANSI C62.41 surge suppression speci
AC suppression response time	0 nanoseconds instantaneous
Dataline suppression	Use DTEL2 add-on module for 2 line dialup protection or DNET1 for 10/100 BaseT/Token Ring applications
EMI / RFI noise suppression	Yes
Shipping weight	69.00 lbs. / 31.30 kg
Dimensions (HWD)	3.5 x 17.5 x 15.5 (18.75 in. width including mounting ears/14.1 in depth behind mounting ears.)
Battery access	Battery access door allows hot swap battery replacement
Relative humidity	0 to 95%, non-condensing
BTU emissions	355 BTU/hr.
Network monitoring port quantity	Includes 4 built-in monitoring ports, 2-USB & 2-DB9
Software and cabling included	PowerAlert UPS monitoring software; Ships with 4 cables, 2-USB to USB & 2-DB9 to DB9
SNMP compatibility	Accessory slot accommodates internal SNMP / Web card and other network accessories
Transfer time from lline power to battery mode	2-4 milliseconds
Low voltage transfer to battery power	79V (resets to line power as voltage increases to 83V)
High voltage transfer to battery power	147V (resets to line power as voltage decreases to 144V)
UL (United States)	Yes
cUL (Canada)	Yes
FCC (Emissions)	Class A
Other Approvals	NOM (Mexico)
Product warranty	2 year product warranty
Connected equipment insurance	Up to \$50,000 (USA & Canada only)
Optional coverage	3 year, 5 year, next day and on-site warranty coverage available

The policy of Tripp Lite is one of continuous improvement.  
Specifications are subject to change without notice.