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## Model #: SMART750RMXL2U

**SmartPro .75kVA Line Interactive Sine Wave UPS, Extended-run & SNMPWEBCARD options, 2U Rack/Tower, USB, Serial, EPO, 120V**

### Highlights

- 750VA line interactive 2U rack/tower UPS; Sine wave output
- 120V nominal output during brownouts to 83V and overvoltages to 147V
- USB, RS232, EPO and optional SNMP/Web card are available for simultaneous use
- Expandable runtime, Status LEDs; 2 switched output load banks
- NEMA 5-15P input; 6 NEMA 5-15R outlets



### Description

Tripp Lite's SMART750RMXL2U intelligent, line interactive rack/tower uninterruptible power supply prevents data loss, downtime and equipment damage due to power outages, voltage fluctuations and transient surges. Requires only two rack spaces (2U) in a standard rack enclosure. Large internal batteries offer 30 minutes half load runtime and 12.5 minutes at full load. Extended runtime available with optional BP24V15RT2U, BP24V28-2U (limit of one per UPS) or BP24V70-3U (multi-pack compatible) external battery packs. Maintains regulated 120V nominal output without using battery power during brownouts and overvoltages from 83 to 147V. 750VA/450 watt power handling capability supports a variety of networking, telecom and other sensitive electronic applications. Includes a total of 6 outlets arranged in 2 load banks that are individually controllable via software interface to reboot select equipment on demand or shed less significant loads to extend battery runtime for more critical equipment. Supports remote monitoring of UPS and site power conditions via built-in USB and DB9 monitoring ports. Includes PowerAlert UPS monitoring and unattended shutdown software with complete cabling. Built-in accessory slot supports SNMP with optional SNMPWEBCARD adapter. Emergency Power Off (EPO) interface offers option for instantaneous power-off of UPS and connected equipment in the case of fire or emergency. Multi-function audible alarms and set of 5 front panel LEDs offer at-a-glance notification of UPS and line power status. Network-grade AC surge suppression protects equipment from damage and performance problems resulting from transient surges and line noise. Attractive all-black color scheme.

#### Package Includes

- SMART750RMXL2U UPS System
- PowerAlert software with USB and DB9 cables
- Mounting hardware for 4 post rackmount installation
- Cable for Emergency Power Off interface
- Instruction manual

### Features

- SMART750RMXL2U line interactive UPS offers voltage regulation and battery support, plus complete AC surge suppression
- Supports 2U rackmount and upright tower applications (2-9U STAND accessory sold separately)
- Full time sine wave output offers guaranteed compatibility with all equipment types
- Supports a max load of 750VA for 12.5 minutes and a half load of 375VA for 30 minutes
- Extended runtime available with optional BP24V15RT2U, BP24V28-2U (limit of one per UPS) or BP24V70-3U (multi-pack compatible) external battery packs
- Maintains regulated 120V nominal output 83 to 147V
- 750VA/450 watt power handling capability supports a variety of sensitive electronic loads
- Includes 6 UPS supported outlets arranged in 2 individually controllable load banks
- Built in USB and DB9 serial ports support remote monitoring of UPS and site power conditions
- Built in accessory slot supports SNMP with optional SNMPWEBCARD adapter
- Emergency Power Off (EPO) interface with cable

- Multi-function audible alarms and set of 5 front panel LEDs
- Network-grade AC surge suppression
- Attractive all-black color scheme
- UPS battery set ships fully assembled and ready for installation, no time consuming connection of internal batteries by user is necessary
- Mounting hardware included for 4 post rackmount enclosures, 2 post telecom rack compatible with separate purchase 2POSTRMKITWM, compatible with upright tower installation with included hardware

## Specifications

OUTPUT	
Output Volt Amp Capacity (VA)	750
Output Watt Capacity (watts)	450
Output power factor	0.6
Nominal Output Voltage(s) Supported	120V
Frequency compatibility	60 Hz
Output voltage regulation (line mode)	-21%, +8%
Output voltage regulation (Battery mode)	+/- 5%
Built-in UPS output receptacles	6 5-15R outlet(s)
Built-in controllable switched load banks	Two switchable two-outlet 5-15R load banks
Output AC waveform (AC mode)	Sine wave
Output AC waveform (battery mode)	Pure Sine wave
INPUT	
Rated input current (at maximum load)	6.8A
Nominal Input Voltage(s) Supported	120V AC
UPS input connection type	5-15P
Input circuit breaker	15A
UPS Input cord length (ft.)	10 ft / 3m
UPS Input cord length (m)	3.05
Recommended Electrical Service	15A 120V
Input cord length (ft.)	10
Input cord length (m)	3
BATTERY	
Full load runtime (minutes)	12.5 min. (450w)

Half load runtime (minutes)	30 min. (225w)
Expandable battery runtime	Extended runtime supported via optional external battery packs
External battery pack compatibility	<a href="#">BP24V15RT2U</a> (limit 1); <a href="#">BP24V28-2U</a> (limit 1); <a href="#">BP24V70-3U</a> (multi-pack compatible)
DC system voltage (VDC)	24
Battery recharge rate (included batteries)	Less than 4 hours from 10% to 90%
Replacement battery cartridge (internal UPS battery replacement)	<a href="#">RBC92-2U</a>
Battery Access	Front panel battery access door
Battery replacement description	Hot-swappable, user replaceable batteries
<b>VOLTAGE REGULATION</b>	
Voltage regulation description	Automatic voltage regulation (AVR) maintains line power operation with an input voltage range of 83 to 147
Overvoltage correction	Input voltages between 128 and 147 are reduced by 12%
Undervoltage correction	Input voltages between 83 and 107 are boosted by 14%
<b>LEDS ALARMS &amp; SWITCHES</b>	
LED Indicators	5 LEDs indicate line power, battery power, overload, voltage regulation and battery low/replace status
Alarms	Audible alarm indicates power-failure, overload and low-battery conditions
Alarm cancel operation	Power-fail alarm can be silenced using alarm-cancel switch; once silenced, alarm will re-sound to indicate low-battery status
Switches	2 Switches control off/on power status and alarm-cancel/self-test operation
<b>SURGE / NOISE SUPPRESSION</b>	
UPS AC suppression joule rating	480 joules
EMI / RFI AC noise suppression	Yes
AC suppression joule rating	480
AC suppression response time	Instantaneous
<b>PHYSICAL</b>	
Installation form factors supported with included accessories	4 post 19 inch rackmount (mounting rail kit included)
Installation form factors supported with optional accessories	2 post rackmount (2POSTRMKITWM); Wallmount (2POSTRMKITWM); Tower (2-9USTAND)
Primary form factor	Rackmount
UPS / Power Module dimensions in primary form factor (height x width x depth / inches)	3.5 x 17.5 x 14.2

UPS / Power Module dimensions in primary form factor (height x width x depth / cm)	8.9 x 44.4 x 36.2
Installed whole system total rack space height (rack spaces)	2U
Secondary form factor	Tower (requires <a href="#">2-9U STAND</a> )
Installed whole system dimensions in secondary form factor (height x width x depth / inches)	17.5 x 3.5 x 14.2
UPS dimensions in secondary form factor (height x width x depth / cm)	44.4 x 8.9 x 36.2
UPS / Power Module weight (lbs)	35
UPS / Power Module weight (kg)	15.9
UPS Shipping dimensions (height x width x depth / inches)	9.2 x 20 x 24
UPS Shipping dimensions (height x width x depth / cm)	23.5 x 50.8 x 61
Shipping weight (lbs)	46
Shipping weight (kg)	20.9
UPS housing material	Steel
Cooling method	Fan
Installed whole system dimensions in secondary form factor (height x width x depth / cm)	44.4 x 8.9 x 36.2
<b>ENVIRONMENTAL</b>	
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)	47.3
Battery mode BTU / hr. (full load)	170
<b>COMMUNICATIONS</b>	
Communications interface	USB; DB9 Serial; EPO (emergency power off); Slot for SNMP/Web interface
Network monitoring port description	Supports detailed monitoring of UPS and site power conditions
PowerAlert software	Included
Communications cable	USB and DB9 cabling included

WatchDog compatibility	Supports Watchdog application, OS and hard-reboot restart options for remote applications
<b>LINE / BATTERY TRANSFER</b>	
Transfer time	2-4 milliseconds
Low voltage transfer to battery power (setpoint)	83
High voltage transfer to battery power (setpoint)	147
<b>SPECIAL FEATURES</b>	
Grounding lug	Back panel grounding lug
Cold Start (startup in battery mode during a power failure)	Cold-start operation supported
High availability UPS features	Hot swappable batteries
Green & high efficiency features	Individually controllable load banks
<b>CERTIFICATIONS</b>	
UPS Certifications	Tested to UL1778 (USA); Tested to CSA (Canada); Tested to NOM (Mexico); Meets FCC Part 15 Category B (EMI)
<b>WARRANTY</b>	
Product Warranty Period (Worldwide)	2-year warranty, 3 year with <a href="#">registration</a> . Note: <a href="#">registration</a> is required for 3-year warranty.
Connected Equipment Insurance (U.S., Canada & Puerto Rico)	\$250,000 <a href="#">Ultimate Lifetime Insurance</a>

Related Items

Optional Products

Related Model	Description	Qty.
<a href="#">BP24V15RT2U</a>	BP24V15RT2U - External Battery Pack for UPS System	1
<a href="#">BP24V28-2U</a>	BP24V28-2U - External Battery Pack for UPS System	1
<a href="#">BP24V70-3U</a>	BP24V70-3U - External Battery Pack for UPS System	1
<a href="#">CT120</a>	Instant-Read- AC Outlet Circuit Tester	1
<a href="#">DCATV</a>	Network Surge Suppressor - Essential protection for TV/VCR coaxial lines	1
<a href="#">DNET1</a>	Network Surge Suppressor - Essential protection for data and communication lines	1
<a href="#">DTEL2</a>	Network Surge Suppressor - Essential protection for data and communication lines	1
<a href="#">ENVIROSENSE</a>	Monitors temperature, humidity and contact-closure inputs. (Requires SNMPWEBCARD or switched PDU.)	1
<a href="#">PDU1215</a>	Basic PDU / Power Distribution Unit - Safe, reliable power distribution for critical networking equipment	1
<a href="#">PS7224</a>	Tripp Lite Power Strip - Multiple outlets wherever you need them	1
<a href="#">SNMPWEBCARD</a>	For remote monitoring and control via SNMP, Web, or Telnet.	1
<a href="#">U022-010</a>	10-ft. USB2.0 A/B Gold Device Cable (A Male to B Male)	1

WEXT5-500-1500	5-Year Extended Warranty - For Smart Line-Interactive and Online Tower or Rack models, 1500VA or less	1
2-9USTAND	Enables Tower Placement of Rackmount UPS Systems	1
2POSTRMKITWM	Enables 2-Post Rackmount or Wallmount Installation of Select Rackmount UPS Systems	1

More information, including related products, owner's manuals, and additional technical specifications, can be found online at [www.tripplite.com/en/products/model.cfm?txtModelID=3020](http://www.tripplite.com/en/products/model.cfm?txtModelID=3020).

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