



Eaton SU750RTXLCD2U

Tripp Lite series SmartOnline 750VA 675W
120V Double-Conversion Sine Wave UPS - 8
Outlets, Extended Run, Network Card
Option, LCD, USB, DB9, 2U Rack/Tower

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PRODUCT NAME	Eaton Tripp Lite series SmartOnline UPS
CATALOG NUMBER	SU750RTXLCD2U
UPC	037332168276
PRODUCT LENGTH/DEPTH	17.72 in
PRODUCT HEIGHT	3.41 in
PRODUCT WIDTH	17.33 in
PRODUCT WEIGHT	36.38 lb
WARRANTY	2 year limited
COMPLIANCES	RoHS FCC Compliant CE Marked
CERTIFICATIONS	CSA certified UL 1778 cTUVus

TOPOLOGY Online/Double-conversion

RACK SIZE 2U

VA RATING 750 VA

PACKAGE CONTENTS

- 750VA 675W 120V Double-Conversion UPS
- USB cable
- DB9 cable
- Rack-mounting hardware
- Tower support stands
- Safety instructions
- Quick start guide

SURGE PROTECTION Yes

INTERNAL BYPASS Yes

INPUT CONNECTION [5-15P](#)

INPUT CORD LENGTH 8 ft

NOMINAL FREQUENCY 50/60 Hz

INPUT FREQUENCY RANGE 50/60 Hz

INPUT POWER FACTOR .99

RECEPTACLE (8) 5-15R

NUMBER OF OUTPUTS 5-15R 8

OUTPUT WAVEFORM True sine wave

OUTPUT NOMINAL VOLTAGE 100/110/115/120/127V

ELECTRIC CURRENT - MAX 6.2A

RUNTIME GRAPH \$row.attributeValue.cdata

BATTERY REPLACEMENT

EBP-1611 *Note: EBP-1611 is the replacement battery for the SU750RTXLCD2U 2023 UPS design update featured on this page. For the replacement battery in the previous design of SU750RTXLCD2U, please see part number RBC24V-LCD.

BATTERY TYPE Valve Regulated Lead Acid (VRLA)

EXTENDED BATTERY CAPABILITY

- Add up to 4 external battery modules (EBM)
- Part number BP36RT

EXTENDED SERVICE PLANS

- 5-year-depot exchange plan: TL9SW5Y-1500UC
- Parts, electronics and UPS batteries coverage
- Next business day shipping
- Technical support

- 5-year onsite plan: TLWFLN75XX-2509UC
- Onsite parts and labor coverage for 5 years
- Parts, electronics and UPS batteries coverage
- 24x7 onsite labor coverage, next-day response
- Next-day shipping
- Technical support

RUNTIME AT HALF LOAD	20.9 min
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COMMUNICATION	• (1) WEBCARDLXE port • (1) USB port • (1) Serial RS-232 port • (1) RPO/ROO terminal • (1) mini-terminal block for output relay
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EXPANSION SLOTS	• (1) WEBCARDLXE expansion port • Not compatible with WEBCARDLX
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INCLUDES NETWORK CARD	No
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USER INTERFACE	LCD display
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ALTITUDE	Up to 10,000 ft (3000m) without de-rating
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BTU RATING	Online: 241, Battery: 440
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NOISE LEVEL	40 dBA at 1 meter
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RELATIVE HUMIDITY	0-96% non-condensing
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TEMPERATURE RANGE	0° to 40°C (32° to 104°F)
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FRONT PANEL LCD DISPLAY	Front panel LCD information and configuration screen offers detailed UPS and site power status and operating data, plus configuration of voltage, frequency, operating mode, alarm function and a variety of additional options
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INPUT PLUG TYPE	NEMA 5-15P
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OUTPUT RECEPTACLES	5-15R
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PRODUCT FEATURES	Individually Controllable Load Banks Expandable Runtime Emergency Power Off (EPO)/Remote On-Off (ROO)
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PRODUCT HIGHLIGHTS	Offers network-grade protection against power failures and voltage fluctuations 2-year limited warranty (Worldwide) Keeps equipment running during outages to allow time for file saves and safe shutdown Optional WEBCARDLXE network card enables full remote access and control 2-line front-panel LCD with 10 selectable
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	screens reports detailed UPS and site power info Updated design for 2023 Zero transfer time between on-line and battery modes for uninterrupted operation
POWERALERT SOFTWARE	For local monitoring via the UPS's built-in communication ports, download PowerAlert software at https://tripplite.eaton.com/products/power-alert
NOMINAL OUTPUT VOLTAGE	100V 110V 115V 120V 127V
NETWORK MANAGEMENT CARDS	WEBCARDLXE
NETWORK MANAGEMENT CARDS DETAILS	Network management card optional
OUTPUT POWER FACTOR	0.9
PHASE (INPUT)	Single-phase
RUNTIME AT FULL LOAD	7.9 min. (675W)
COMMUNICATION INTERFACE	USB RS-232 Contact closure Slot for SNMP / Web interface USB and RS232 cable included
BATTERY ACCESS	Battery access door
TYPICAL BATTERY RUNTIME	Expandable Runtime
EXPANDABLE RUNTIME DESCRIPTION	Add up to 4 extended battery modules (EBM). Part number BP36RT. *Note: BP36RT is compatible only with the SU750RTXLCD2U 2023 UPS design update featured on this page. For previous SU750RTXLCD2U design battery pack functionality, please see the Legacy Product Datasheet under the Support tab, Documents & Downloads section.
DC VOLTAGE	36
OPERATING TEMPERATURE RANGE	32° to 104°F (0° to 40°C)
COMMUNICATIONS CABLE	USB and RS232 cable included
OPTIONAL MOUNTING ACCESSORY NOTES	2 post rail kit available, part # RK2PC
LOAD MANAGEMENT RECEPTACLES	Two switchable two-outlet load banks
APPLICATION	Mission Critical Applications

SWITCH CONFIGURATION	RPO / ROO
AC SUPPRESSION JOULE RATING	190
HOUSING MATERIAL	Metal
OUTPUT AC WAVEFORM (AC MODE)	Pure Sine wave
OUTPUT AC WAVEFORM (BATTERY MODE)	Pure Sine wave
OUTPUT CAPACITY (KVA)	0.75
OUTPUT CAPACITY (WATTS)	675
OPERATING ELEVATION	Up to 3000m
AC SUPPRESSION RESPONSE TIME	Instantaneous
ALARM INTERFACE	Power-fail alarm can be temporarily silenced using alarm-cancel switch; silent mode alarm configuration option available
AUDIBLE ALARMS	Audible alarm indicates UPS startup, power-failure, low-battery, overload, UPS fault and remote shutdown conditions
BATTERY START CAPABILITY	Cold-start operation supported
COOLING METHOD	Fan
BATTERY REPLACEMENT DESCRIPTION	Hot-swappable, user replaceable batteries
LED INDICATORS	4 status-indicating LEDs
FREQUENCY RATING DETAILS	Online Mode: Sync with line $\pm 5\%$ of nominal line frequency (outside this range: $\pm 0.5\%$ of auto-selected nominal frequency). Battery Mode: $\pm 0.5\%$ of auto-selected nominal frequency
OUTPUT VOLTAGE REGULATION (ECONOMY LINE MODE)	+/- 1%
OUTPUT VOLTAGE REGULATION (LINE MODE)	+/- 1%
OUTPUT VOLTAGE REGULATION (BATTERY MODE)	+/- 2%
RECHARGEABLE BATTERY	3 hours recharge to 90%
RECOMMENDED ELECTRICAL SERVICE	120V

STORAGE TEMPERATURE	With battery: 32° to 104°F (0° to 40°C); without battery: -13° to 131°F (-25° to 55°C)
FORM FACTOR	Rackmount
INCLUDED MOUNTING ACCESSORY DESCRIPTION	Includes 4 post rackmount installation accessories
INPUT CONNECTION DESCRIPTION	5-15P
INPUT CURRENT	6.2A
INPUT NOMINAL VOLTAGE DESCRIPTION	120V factory default
NETWORK MONITORING PORT DESCRIPTION	WEBCARDLXE Supports detailed monitoring of UPS and site power conditions; DB9 port supports RS232 and contact closure communications; not compatible with WEBCARDLX
NOMINAL VOLTAGE DETAILS	120V factory-default nominal voltage
VOLTAGE REGULATION DESCRIPTION	Online, double-conversion power conditioning
WATCHDOG COMPATIBILITY	Supports Watchdog application, OS and hard-reboot restart options for remote applications
MAXIMUM INPUT AMPS	6
MINIMUM REQUIRED RACK DEPTH (CM)	52.58
MINIMUM REQUIRED RACK DEPTH (INCHES)	20.7
UPS INPUT CORD LENGTH (M)	2.4
POWER MODE TRANSFER TIME	0ms
TOTAL OUTLETS	8
OUTPUT CAPACITY (VA)	750
CONNECTED EQUIPMENT INSURANCE	\$250,000 Ultimate Lifetime Insurance
OPTIONAL ACCESSORIES	2 post rackmount (RK2PC)
EMI AC NOISE SUPPRESSION	EMI / RFI AC Noise Suppression
UPS INPUT CONNECTION TYPE	5-15P
EXTERNAL BATTERY PACK COMPATIBILITY	BP36RT
GREEN ENERGY- SAVING FEATURES	High efficiency economy mode operation Individually controllable load banks

INPUT NOMINAL VOLTAGE	100V AC
HIGH AVAILABILITY UPS FEATURES	Pure sine wave output Expandable battery backup
NOMINAL INPUT VOLTAGE SUPPORTED	100V AC 120V AC 110V AC
