

Smart-UPS On-Line Lithium-ion UPS

Industry-leading power factor and Lithium-ion batteries maximizing UPS density
1000VA to 3000VA



Features

High power density

More real power in watts, 0.9 pf

Graphical LCD display

Intuitive interface with multicolor backlight.

Built-in energy meter

Measures energy use and displays UPS efficiency in operating modes for easy tracking.

Intelligent battery management system

Measures energy use and displays UPS efficiency in operating modes for easy tracking.

Lithium-ion battery pack

Longer battery life and performance at higher temperatures than VRLA. The flexibility to add up to 10 additional battery packs to expand runtime.

Operate without battery

Immediately protect equipment when power returns after a complete discharge of the battery.

Smart-UPS On-Line Lithium-ion UPS

Proven performance with the world's largest installed base of single-phase, double-conversion products.

SRT1500RMXLI



Features

Optional network management card with environmental monitoring

Remote monitoring and control of the UPS and the environment via Ethernet connection.

Switched outlet group

Control a group of output load receptacles independent from the main UPS:

- Cycling the entire UPS
- Sequenced turn ON/OFF
- Shedding of noncritical loads based on battery time, runtime remaining and overload
- Scheduled time OFF to conserve energy
- Rebooting hung device without cycling the entire UPS

Emergency power off

Shutoff UPS remotely in the event of a fire or other emergency. The UPS can accept normally open (NO) or normally closed (NC) contacts.

Flash upgradeable firmware

Allows for field updates of firmware via communication ports or Network Management Card (NMC).

Built-in automatic and manual bypass

Ensures seamless power to the load even when UPS functional failure is detected.

Communication ports

Options of Serial, USB, Ethernet and SmartSlot™ for network accessory cards.

Communication protocols

Choose from Modbus serial, USB PowerSummary, HTTP, SNMP and Telnet.

Smart-UPS On-Line display

Intuitive, easy-to-use LCD provides clear and accurate information in multiple languages



Backlit screens:

Amber: Indicates a condition that requires attention



Backlit screens:

Red: Indicates a UPS visible alarm that requires immediate attention

Features

LCD display screen

Clear, consistent and detailed information in your choice of basic or advanced menus.

Power status

- Operating mode and efficiency mode
- Load VA/watts/amps
- Input/output voltage and frequency
- Battery capacity and runtime
- Energy meter

Control

UPS and outlet group settings, Bypass control

Configuration

- Output voltage, frequency
- Language
- Brightness, contrast
- Alarm volume
- IP address

Test and diagnostics

Initiate battery and runtime calibration tests

About

- UPS serial number, battery part number
- Battery install and suggested replacement dates

Smart-UPS On-Line Lithium-ion Battery Pack

Long life, lighter weight, higher performance, high density



Features

Longer lifecycle

Double the life expectancy vs. sealed lead acid batteries

Lighter weight

1/3 lighter than sealed lead acid battery pack

High density

1U rack height allows more extended run capability in a smaller footprint.

Intelligent battery management system

Monitoring at the cell level to manage voltage helps Lithium-ion batteries provide a higher level of performance.

Certified Lithium-ion batteries

IEC62133, UL1973 (Sec 5.7 & 5.8), UN38.3

Product family

SKU technical specifications



	SRTL1000RMXLI SRTL1000RMXLI-NC*	SRTL1500RMXLI SRTL1500RMXLI-NC*	SRTL2200RMXLI SRTL2200RMXLI-NC*	SRTL3000RMXLI SRTL3000RMXLI-NC*
Topology	Double Conversion On-Line			
Output				
Output power capacity	900 Watts / 1000 VA	1350 Watts / 1500 VA	1980 Watts / 2200 VA	2700 Watts / 3000 VA
Nominal output voltage	230V			
Output voltage distortion	Less than 1% at linear load (Full)			
Output frequency (sync to mains)	50/60 Hz +/- 3 Hz (auto sensing)			
Waveform type	Pure Sine Wave			
Output connections	(8) IEC320 C13		(6) IEC320 C13, (2) IEC320 C19	
Switched outlet groups	Yes			
Efficiency at full load	>95%	>96%	>95%	>96%
Input				
Nominal input voltage	230V			
Input frequency	50/60 Hz +/- 3 Hz (auto sensing)			
Input connections	IEC-60320 C14		IEC-60320 C20	
Input voltage range for main operations	160-275 VAC (±5V) (10V minimum hysteresis, ±1.5% max measurement accuracy)		160-275V (10V minimum hysteresis, ±1.5% max measurement accuracy)	
Batteries and runtime				
Battery type	Lithium-ion NMC chemistry (LiNiMnCoO2)			
Runtime	41 mins 50% load, 31.6 mins 100% load	31.8 mins 50% load, 21.8 mins 100% load	28 mins 50% load, 13 mins 100% load	21 mins 50% load, 9 mins 100% load
Additional external battery packs	up to 5		up to 10	
Communications and management				
Interface port(s)	Serial (RJ45), Smart-Slot, USB			
Available SmartSlot interface quantity	1			
Control panel	Multi-function LCD status and control console			
Audible alarms	Audible and visible alarms prioritized by severity			
Emergency Power Off (EPO)	Yes			
*Preinstalled Network Management Card	Included with "NC" suffix SKU			
Physical				
UPS				
Net HxWxD	85mm x 432mm x 590mm		85mm x 432mm x 639mm	
Rack height	2U		2U	
Net weight	13.7kg		17.5kg	
Shipping weight	21kg		25kg	
Shipping HxWxD	245mm x 600mm x 810mm		245mm x 600mm x 870mm	
Color	Black, aluminum bezel			
Lithium-ion External Battery Pack				
Net HxWxD	43mm x 432mm x 521mm		43mm x 432mm x 521mm	
Rack height	1U		1U	
Net weight	13kg		13kg	
Shipping weight	16.4kg		16.4kg	
Shipping HxWxD	200mm x 600mm x 850mm		200mm x 600mm x 850mm	
Environmental				
Operating environment	32 – 104 °F (0 – 40 °C)			
Operating relative humidity	0 – 95%			
Operating elevation	0-10000 feet (0-3000 meters)			
Storage temperature	-15 to 45 °C (-30 to 70°C without batteries)			
Storage relative humidity	0 – 95%			
Storage elevation	0-50000 feet (0-15000 meters)			
Audible noise at 1 meter from surface of unit	50.0dBA			
Conformance				
Regulatory approvals	IEC62133, UL1973 (Sec 5.7 & 5.8), UN38.3, IEC 62040-1, IEC61000-2, CE, CE Mark, EAC, RCM, VDE			
Standard warranty	Five years on UPS and five years on battery pack repair or replace			