Product datasheet

Specifications

APC Smart-UPS RT 6000VA, 230V, 8x IEC 60320 C13 & 4x IEC Jumpers & 2x IEC 60320 C19 outlets

SURT6000XLI

⚠ To be discontinued

⚠ To be discontinued on: Oct 1, 2025

⚠ To be end-of-service on: Oct 1, 2027

Overview

Presentation	High density, double-conversion on-line power protection with scalable runtime.
Lead time	Usually in Stock

Main

Main Input Voltage	230 V
Product or component type	Uninterruptible power supply (UPS)
Other Input Voltage	220 V 240 V
Main Output Voltage	230 V
Other Output Voltage	220 V 240 V
Rated power in W	4200 W
Rated power in VA	6000 VA
output connection type	8 IEC 60320 C13 4 IEC Jumpers 2 IEC 60320 C19
Number of rack unit	3U
Provided equipment	CD with software Smart UPS signalling RS-232 cable User manual Web/SNMP management card
Range of product	Smart-UPS On-Line

Batteries & Runtime

Run Time	View Runtime Graph ⬀
Efficiency	View Efficiency Graph ⬀
Battery type	Lead-acid battery
Extended runtime	1
Number of battery filled slots	2
Battery recharge time	2.5 h
Number of battery replacement quantity	1
Battery life	3…5 year(s)

Replacement battery	APCRBC140 ↗
Battery charger power	421 W rated

General

Number of power module filled slots	0
Number of power module free slots	0
Redundant	No
UPS type	Double conversion online

Physical

Colour	Black
Height	432 mm
Width	130 mm
Depth	660 mm
Net weight	54.43 kg
Mounting location	Front
Mounting preference	Lower
Mounting mode	Not rack-mountable
Two post mountable	0
USB compatible	No

Input

Input voltage limits	160...280 V
Number of input connectors	1 hard wire 3-wire
Network frequency	50/60 Hz +/- 5 Hz auto-sensing

Output

Bypass type	Internal bypass (automatic and manual)
Crest factor	3 : 1
Harmonic distortion	Less than 3 %
Maximum configurable power in VA	6000 VA
Maximum configurable power in W	4200 W
Wave type	Sine wave
Output frequency	50/60 Hz +/- 3 Hz user adjustable +/- 0.1 Hz sync to mains
Additional information	Configurable for 220 : 230 or 240 nominal output voltage

Conformance

Product certifications	C-Tick CE CSA GOST UL listed VDE

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Standards	EN/IEC 62040-1:2019/A11:2021
	EN/IEC 62040-2:2006/AC:2006
	EN/IEC 62040-2:2018

Environmental

Acoustic level	55 dBA
Heat dissipation	1221 Btu/h
Operating altitude	0...10000 ft
Ambient air temperature for operation	0…40 °C
Ambient air temperature for storage	-15…45 °C
Storage altitude	0…15240 m
IP degree of protection	IP20
Relative humidity	0…95 % non-condensing
Storage Relative Humidity	0…95 % non-condensing

Communications & Management

Emergency power off	Yes
Free slots	0
Preinstalled device	Network management card 3 with environmental monitoring
Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm

Surge Protection and Filtering

Surge energy rate	555 J
Noise suppression	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	34.7 cm
Package 1 Width	60.3 cm
Package 1 Length	98 cm
Package 1 Weight	63.64 kg

Contractual warranty

Warranty	2 years repair or replace, optional on-site warranties available, optional extended warranties available

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

Environmental Data explained ›

How we assess product sustainability ›

Environmental footprint

Total lifecycle Carbon footprint	**13446**
Environmental Disclosure	**Product Environmental Profile**

Use Better

Materials and Substances

Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**No**
EU RoHS Directive	**Compliant with Exemptions**
SCIP Number	**409c68a1-39a6-4e5f-b080-12befe783ad8**
REACh Regulation	**REACh Declaration**

Energy efficiency

Energy Efficiency Optimized	**Energy efficient product**

Use Again

Repack and remanufacture

End of life manual availability	**End of Life Information**
Removable battery	**User replaceable**
Take-back	**No**
WEEE Label	**The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins**

Image of product / Alternate images

Alternative