

Product datasheet

Specifications



Smart-UPS RT 6000VA 230V

SURT6000XLI

⚠ Discontinued on: 01 Oct 2025

⚠ To be end-of-service on: 31 Dec 2027

⚠ To be discontinued

Price: 82,959.25 ZAR

Overview

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

Main

Main Input Voltage	230 V AC 1 phase
Input voltage	220 V 240 V
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 voltage	230 V AC 1 phase
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
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
UPS type	Double conversion online
Wave type	Sine wave
Output frequency	50/60 Hz +/- 3 Hz user adjustable +/- 0.1 Hz sync to mains

Complementary

Battery type	Lead-acid battery
Additional information	Configurable for 220 : 230 or 240 nominal output voltage
Extended runtime	1
Number of battery filled slots	2

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

Battery recharge time	2.5 h
Number of battery replacement quantity	1
Battery life	3...5 year(s)
Battery charger power	421 W rated
Battery type	Lead-acid external sold separately
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
UPS connectivity	Serial port USB port Pre-installed network management card 3
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
Number of rack unit	3U
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
Mounting mode	Tower
Provided equipment	CD with software Smart UPS signalling RS-232 cable User manual Web/SNMP management card
Number of power module filled slots	0
Number of power module free slots	0
Redundant	No
Range of product	Smart-UPS On-Line
Product or component type	Uninterruptible power supply (UPS)
Performance multiplier	1
Number of tare power	88 W
Value multiplier	1
Size UPS version	Internetworking Server Telecom
Curve equation	Efficiency

Curve fixed loss	0.0092
Curve load maximum	100 %
Curve load minimum	1 %
Curve proportional loss	0.0448
Curve square loss	0.0336
Curve test cond ID	Curve fit to measured efficiency data. All measurements taken in normal operating mode, at typical environmental conditions, with nominal electrical input and balanced resistive load (PF = 1.0) output.
Curve X-axis maximum	100 %
Curve X-axis minimum	0 %
Curve X-axis title	Load
Curve X-axis units	Percentage
Curve Y-axis maximum	100 %
Curve Y-axis minimum	50 %
Curve Y-axis title	Efficiency
Curve Y-axis units	Percentage
Graph display	1
Show note OP temperature	No
Battery curve	C
Liquid value	0
Battery design life	2 year(s)
UPS design life	7 year(s)
Battery power in VAh	1056 VAh runtime
Battery option	SURT192XLBP 1 2304 VAh SURT192XLBP 2 3880 VAh SURT192XLBP 3 5472 VAh SURT192XLBP 4 7056 VAh SURT192XLBP 5 8640 VAh SURT192XLBP 6 10714 VAh SURT192XLBP 8 14861 VAh SURT192XLBP 10 19008 VAh
UPS size	S

Environment

Product certifications	C-Tick CE CSA GOST UL listed VDE
Standards	EN/IEC 62040-1:2019/A11:2021 EN/IEC 62040-2:2006/AC:2006 EN/IEC 62040-2:2018
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
Acoustic level	55 dBA
Heat dissipation	1221 Btu/h
Operating altitude	0...10000 ft

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 (in months)	24
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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](#)

Use Longer

Lifetime extension

Repair No

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



