

Product data sheet

Specifications



APC SURT 6000 VA 230V with Custom Shutdown Timer and Conformal Coating

SURT6000XLIX551

⚠ Discontinued on: Jun 15, 2022

⚠ Discontinued

Overview

Lead time Special Order - Call for Quoted Lead Times

Main

Main Input Voltage	230 V
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 Relay board Smart UPS signalling RS-232 cable User manual

Batteries & Runtime

Run Time	View Runtime Graph
Battery type	Lead-acid battery
Number of battery filled slots	2
Number of battery free slots	0
Battery recharge time	2.5 h
Number of battery replacement quantity	1
Battery charger power	421 W rated
Battery life	3...5 year(s)
Extended runtime	1

General

UPS type	Double conversion online
Number of power module free slots	0

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Number of power module filled slots	0
Redundant	No
Variant option	Firmware

Physical

Colour	Black
Height	43.2 cm
Width	13 cm
Depth	66 cm
net weight	54.55 kg
mounting location	Front
Mounting preference	Lower
mounting mode	Not rack-mountable
Two post mountable	0
USB compatible	No

Input

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

Output

Maximum configurable power in VA	6000 VA
Maximum configurable power in W	4200 W
Output frequency	50/60 Hz +/- 3 Hz user adjustable +/- 0.1 Hz sync to mains
Wave type	Sine wave
Efficiency	92 % (full load)
Harmonic distortion	Less than 3 %
Crest factor	3 : 1
Bypass type	Internal bypass (automatic and manual)
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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Environmental

Ambient air temperature for operation	0...40 °C
Relative humidity	0...95 % non-condensing
Operating altitude	0...10000 ft

Ambient air temperature for storage	-15...45 °C
Storage Relative Humidity	0...95 % non-condensing
Storage altitude	0.0000000000...15240.0000000000 m
Acoustic level	55 dBA
heat dissipation	1221 Btu/h
IP degree of protection	IP20

Communications & Management

Free slots	0
Preinstalled device	Relay I/O smartslot card
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

Contractual warranty

Warranty	2 years repair or replace
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Sustainability

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Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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[Guide to assess a product’s sustainability >](#)



Energy Efficient Take-back Transparency RoHS/REACH

Resource performance

✓ Energy Efficient Product

✓ Take-Back Program Available

Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information [Yes](#)

Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Compliant with Exemptions

Environmental Disclosure [Product Environmental Profile](#)

Circularity Profile [End of Life Information](#)