

Product data sheet

Specifications



APC Smart-UPS RT 7500VA, 230V, 4x IEC 60320 C13 & 4x IEC Jumpers & 4x IEC 60320 C19 outlets

SURT7500XLI

⚠ Discontinued

⚠ Discontinued on: Oct 5, 2022

Overview

Lead time	Usually in Stock
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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	6000 W
Rated power in VA	7500 VA
output connection type	4 IEC 60320 C13 4 IEC Jumpers 4 IEC 60320 C19
Output connector type	Hard wire 3-wire (H N + E) 1
Number of rack unit	6U
Provided equipment	CD with software Service manual Smart UPS signalling RS-232 cable User manual Web/SNMP management card

Batteries & Runtime

Run Time	View Runtime Graph
Battery type	Lead-acid battery
Number of battery filled slots	4
Number of battery free slots	0
Battery recharge time	2.2 h
Number of battery replacement quantity	2
Battery charger power	801 W rated
Battery life	3...5 year(s)
Replacement battery	APCRBC140
Extended runtime	1

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

General

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

Physical

Colour	Black
Height	43.2 cm
Width	26.3 cm
Depth	66.3 cm
net weight	110.91 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 (1P + N + E) 1 hard wire 5-wire (3P + N + E)
Input voltage limits	160...280 V

Output

Maximum configurable power in VA	7500 VA
Maximum configurable power in W	6000 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 GOST VDE
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Environmental

Ambient air temperature for operation	0...40 °C
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Relative humidity	0...95 %
Operating altitude	0...10000 ft
Ambient air temperature for storage	-15...45 °C
Storage Relative Humidity	0...95 %
Storage altitude	0.0000000000...15240.0000000000 m
Acoustic level	55 dBA
heat dissipation	1535 Btu/h

Communications & Management

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

Surge Protection and Filtering

Noise suppression	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449
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Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	55.2 cm
Package 1 Width	99.1 cm
Package 1 Length	59.7 cm
Package 1 Weight	129.09 kg

Contractual warranty

Warranty	2 years repair or replace
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