

Product datasheet

Specifications



APC Smart-UPS RT 8000VA, 230/400V, 4x IEC 60320 C13 & 6x IEC Jumpers & 4x IEC 60320 C19 outlets

SURT8000XLI

Overview

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

Main

Main Input Voltage	230 V 400 V 3 phases
Other Input Voltage	220 V 240 V
Main Output Voltage	230 V
Other Output Voltage	220 V 240 V
Rated power in W	6400 W
Rated power in VA	8000 VA
Nb of power socket outlets	4 IEC 60320 C13 6 IEC Jumpers 4 IEC 60320 C19
Output connector type	Hard wire 3-wire (H N + E) 1
Number of rack unit	6U
Battery type	Lead-acid battery
Provided equipment	CD with software Service manual Smart UPS signalling RS-232 cable User manual Web/SNMP management card

General

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

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

Depth	73.6 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
Input harmonic distortion	Less than 7 % for full load

Output

Maximum configurable power in W	6400 W
Harmonic distortion	Less than 3 %
Output frequency	50/60 Hz +/- 3 Hz user adjustable +/- 0.1 Hz sync to mains
Crest factor	3 : 1
UPS type	Double conversion online
Wave type	Sine wave
Bypass type	Internal bypass (automatic and manual)
Maximum configurable power in VA	8000 VA

Conformance

Product certifications	C-Tick CE GOST VDE
Standards	EN 50091-1 EN 50091-2 EN 55022 class A EN 60950 EN 61000-3-2

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	0.00...15240.00 m
Acoustic level	55 dBA
Heat dissipation	1603 Btu/h
IP degree of protection	IP20

Batteries & Runtime

Number of battery filled slots	4
Number of battery free slots	0
Battery recharge time	2.2 h
Number of battery replacement quantity	2
Additional information	Configurable for 220 : 230 or 240 nominal output voltage
Battery charger power	782 W rated
Battery power in VAH	1728 VAh runtime
Battery life	3...5 year(s)
Battery option	SURT192XLBP 1 3072 VAh SURT192XLBP 2 4896 VAh SURT192XLBP 3 6720 VAh SURT192XLBP 4 8544 VAh SURT192XLBP 5 10368 VAh SURT192XLBP 6 12096 VAh SURT192XLBP 7 13824 VAh SURT192XLBP 10 19008 VAh
Extended runtime	1

Communications & Management

Free slots	0
Preinstalled device	Network management card 3 with environmental monitoring
Control panel	LED status display with load and battery bar-graphs and on line : on battery : replace battery : overload and bypass indicators
Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
Emergency power off	Yes

Surge Protection and Filtering

Surge energy rate	1265 J
Noise suppression	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449

Packing Units

Package 1 Weight	129.09 kg
Package 1 Height	55.2 cm
Package 1 width	59.7 cm
Package 1 Length	99.1 cm
Number of Units in Package 2	1
Number of Units in Package 3	2

Contractual warranty

Warranty	2 years repair or replace
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