Product data sheet

Specifications



APC Smart-UPS RT 1500VA, 120V, 6x NEMA 5-15R outlets

SURTA1500XL

Overview

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

Main

Main Input Voltage	120 V
Main Output Voltage	120 V
Rated power in W	1050 W
Rated power in VA	1500 VA
Input Connection Type	NEMA 5-15P
Output connection type	6 NEMA 5-15R
Number of rack unit	2U
Cable length	6 ft (1.83 m)
Number of cables	1
Battery Type	Lead-Acid battery
Provided equipment	CD with software Documentation CD Installation guide Smart UPS signalling RS-232 cable User Manual USB cable

Batteries & Runtime

Included Battery Modules	1
Battery Slots Empty	0
Typical recharge time	3 h
RBC Quantity	1
Battery Charge Power (Watts)	144 W rated
Battery power in VAH	432 VAh runtime
Battery Life	3…5 year(s)
Replacement battery	RBC57
Battery option	SURTA48XLBP 1 864 VAh SURTA48XLBP 2 1296 VAh SURTA48XLBP 3 1728 VAh SURTA48XLBP 4 2160 VAh

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

	SURTA48XLBP 5 2592 VAh SURTA48XLBP 6 3024 VAh SURTA48XLBP 8 3888 VAh SURTA48XLBP 10 4752 VAh
Extendable Run Time	1

General

Number of power module free slots	0
Number of power module filled slots	0
Redundant	No

Physical

Color	Black
Height	17.01 in (43.2 cm)
Width	3.35 in (8.5 cm)
Depth	22.01 in (55.9 cm)
Net Weight	60.63 lb(US) (27.5 kg)
Mounting Location	Front
Mounting preference	Lower
Mounting Mode	Not rack-mountable
Two post mountable	0
USB compatible	Yes

Input

Input Frequency	50/60 Hz +/- 5 Hz auto-sensing
Efficiency at full load	90...150 V

Output

Max Configurable Power (Watts)	1050 W
Harmonic distortion	Less than 3%
Output Frequency (sync to mains)	50/60 Hz +/- 3 Hz user adjustable +/- 0.1 sync to mains
Crest factor	3 : 1
Topology	Double Conversion Online
Waveform Type	Sine wave
Bypass type	Built-in Bypass
Maximum configurable power in VA	1500 VA

Conformance

Product Certifications	BSMI CSA

Environmental

Ambient Air Temperature for Operation	32…104 °F (0…40 °C)
Relative Humidity	0…95 % non-condensing

Operating altitude	0...10000 ft
Ambient Air Temperature for Storage	-4…122 °F (-20…50 °C)
Storage Relative Humidity	0…95 % non-condensing
Storage altitude	0…50000 ft (0.00…15240.00 m)
Acoustic level	45 dBA
Heat dissipation	537 Btu/h
IP degree of protection	IP20

Communications & Management

Free slots	1
Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
Emergency Power Off (EPO)	Yes

Surge Protection and Filtering

Surge energy rating	540 J
Filtering	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : m

Ordering and shipping details

GTIN	731304226338

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	10.24 in (26 cm)
Package 1 Width	29.02 in (73.7 cm)
Package 1 Length	24.02 in (61 cm)
Package 1 Weight	69.14 lb(US) (31.36 kg)

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
Optimized Energy Efficiency	Energy efficient product
Take-back	Take-back program available

Contractual warranty

Warranty	2 years repair or replace

Recommended replacement(s)