Product data sheet

Specifications

APC Smart-UPS, Line Interactive, 1500VA, Rackmount 1U, 120V, 4x NEMA 5-15R outlets, SmartConnect Port+SmartSlot, AVR, LCD

SMT1500RM1UC

Overview

Presentation	Intelligent and efficient network power protection from entry level to scalable runtime. Ideal UPS for servers, point-of-sale, routers, switches, hubs and other network devices.
Lead time	Usually in Stock

Main

Main Input Voltage	120 V
Other Input Voltage	120 V
Main Output Voltage	120 V
Other Output Voltage	120 V
Rated power in W	1000 W
Rated power in VA	1440 VA
Input Connection Type	NEMA 5-15P
Output connection type	4 NEMA 5-15R
Number of rack unit	1U
Cable length	2.44 m
Battery type	Lead-acid battery
Provided equipment	Installation guide Rack mounting support rails Smart UPS signalling RS-232 cable USB cable Safety guide

Complementary

Communication port type	SmartConnect Ethernet port USB Serial

General

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

Physical

Colour	Black
Height	4.4 cm
Width	43.2 cm
Depth	66.5 cm
Net weight	24.5 kg
Mounting location	Front
Mounting preference	Lower
Mounting mode	Rack-mounted
Two post mountable	0
USB compatible	Yes

Input

Maximum input current	12 A
Input protection type	Circuit breaker
Input Power Factor at Full Load	0.7
Plug standard	5-15P
Input voltage limits	93.5...143 V 120 V 85...155 V adjustable 120 V
Input current	12 A
Network frequency	50/60 Hz +/- 3 Hz auto-sensing

Output

Crest factor	2.5 : 1
Harmonic distortion	Less than 5 %
Maximum configurable power in VA	1440 VA
Maximum configurable power in W	1000 W
Maximum output current	12 A
Output voltage tolerance	+/- 2 %
Transfer time	4 ms typical : 8 ms maximum
UPS type	Line interactive
Wave type	Sine wave
Output frequency	50/60 Hz +/- 3 Hz sync to mains

Conformance

Product certifications	ENERGY STAR V2.0 (USA) CSA UL 1778 5th edition FCC part 15 class A cUL
Equipment protection policy	Lifetime : $150000

Environmental

Acoustic level	46 dB
Heat dissipation	116 Btu/h

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Operating altitude	0...10000 ft
Ambient air temperature for operation	0…40 °C
Ambient air temperature for storage	-15…45 °C
Storage altitude	0.00…15240.00 m
IP degree of protection	IP20
Relative humidity	0…95 %
Storage Relative Humidity	0…95 %

Batteries & Runtime

Battery voltage	36 V
Extended runtime	0
Battery capacity	54 Ah
Number of battery filled slots	0
Number of battery free slots	0
Battery recharge time	4 h
Number of battery replacement quantity	1
Battery life	3…5 year(s)
Replacement battery	APCRBC88 [↗]
Battery power in VAH	293 VAh runtime
Battery charger power	73 W rated

Communications & Management

Alarm	Alarm when on battery : distinctive low battery alarm : configurable delays
Control panel	Multifunction LCD status and control console
Emergency power off	Yes
Free slots	1
SmartConnect Support	ETHERNET: Cloud
Alarm	Alarm when on battery : distinctive low battery alarm : configurable delays

Surge Protection and Filtering

Surge energy rate	645 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
Package 1 Height	20 cm
Package 1 Width	79.4 cm
Package 1 Length	57.5 cm
Package 1 Weight	29.09 kg
SCC14	10731304426247

Offer Sustainability

EU RoHS Directive	Under investigation
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Contractual warranty

Warranty	3 years repair or replace (excluding battery) and 2 years for battery

Recommended replacement(s)

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