

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

Kw Rating 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 8 ft (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

Software package SmartConnect software for remote power monitoring feature availability varies by terms of use

Batteries & Runtime

Battery voltage 36V

Extendable Run Time 0

Battery Capacity 54 Ah

Included Battery Modules 0

Battery Slots Empty 0

Typical recharge time	4 h
RBC Quantity	1
Battery Life	3...5 year(s)
Replacement battery	APCRBC88 
Battery power in VAH	293 VAh runtime
Battery Charge Power (Watts)	73 W rated

General

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

Physical

Color	Black
Height	1.73 in (4.4 cm)
Width	17.01 in (43.2 cm)
Depth	26.18 in (66.5 cm)
Net Weight	54.01 lb(US) (24.5 kg)
Mounting Location	Front
Mounting preference	Lower
Mounting Mode	Rack-mounted
Two post mountable	0
USB compatible	Yes

Input

Maximum Input Current per Phase	12 A
Input protection type	Circuit breaker
Input Power Factor at Full Load	0.7
Plug standard	5-15P
Efficiency at full load	93.5...143 V 120 V 85...155 V adjustable 120 V
Input current	12 A
Input 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
Max Configurable Power (Watts)	1000 W
Maximum output current	12 A
Output voltage tolerance	+/- 2%
Transfer Time	4ms typical : 8ms maximum

Topology	Line Interactive
Waveform Type	Sine wave
Output Frequency (sync to mains)	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
Operating altitude	0...10000 ft
Ambient air temperature for operation	32...104 °F (0...40 °C)
Ambient Air Temperature for Storage	5...113 °F (-15...45 °C)
Storage altitude	0...50000 ft (0.00...15240.00 m)
IP degree of protection	IP20
Relative Humidity	0...95 %
Storage Relative Humidity	0...95 %

Communications & Management

Control panel	Multi-function LCD status and control console
Emergency Power Off (EPO)	Yes
Free slots	1
Communication port support	SmartConnect Ethernet port: for cloud monitoring feature availability varies by terms of use
Alarm	Alarm when on battery : distinctive low battery alarm : configurable delays

Surge Protection and Filtering

Surge energy rating	645 J
Filtering	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : m

Ordering and shipping details

GTIN	731304426240
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Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.87 in (20 cm)
Package 1 Width	31.26 in (79.4 cm)
Package 1 Length	22.64 in (57.5 cm)
Package 1 Weight	64.13 lb(US) (29.09 kg)
SCC14	10731304426247

Offer Sustainability

REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information.
RoHS exemption information	Yes
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
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Recommended replacement(s)