

Product datasheet

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 AC 1 phase
Input Connection Type	NEMA 5-15P
Maximum input current	12 A
Input protection type	Circuit breaker
Cos phi	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 voltage	120 V AC 1 phase
Rated power in W	1000 W
rated power in VA	1440 VA
Output connection type	4 NEMA 5-15R
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

Complementary

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

Battery type	Lead-acid battery
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)
Battery charger power	73 W rated
Battery type	Lead-acid internal included
Control panel	Multifunction LCD status and control console
Emergency power off	Yes
Free slots	1
Alarm	Alarm when on battery : distinctive low battery alarm : configurable delays
UPS connectivity	Serial port USB port SmartConnect port Available expansion slot
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
Number of rack unit	1U
Cable length	2.4 m
Colour	Black
Height	44 mm
Width	432 mm
Depth	665 mm
Net weight	24.5 kg
Mounting location	Front
Mounting preference	Lower
Mounting mode	Rack-mounted
Two post mountable	0
USB compatible	Yes
Mounting mode	Rack-mounted with included kit
Provided equipment	Installation guide Rack mounting support rails Smart UPS signalling RS-232 cable USB cable Safety guide
Number of power module	0
Number of power module filled slots	0
Number of power module free slots	0
Redundant	No

Range of product	Smart-UPS
Product or component type	Uninterruptible power supply (UPS)
Performance multiplier	1
Number of tare power	17 W
Value multiplier	1
Size UPS version	Server
Curve equation	Efficiency
Curve fixed loss	0.0118
Curve load maximum	100 %
Curve load minimum	2 %
Curve proportional loss	0
Curve square loss	0.0063
Curve test cond ID	Curve fit of data measured in accordance with the US DOE Test Procedure for Uninterruptible Power Supplies. All measurements taken in normal mode(s), at typical environmental conditions, with 120V/60Hz electrical input and balanced resistive load (PF = 1.0) output.
Curve X-axis maximum	100 %
Curve X-axis minimum	0 %
Curve X-axis title	Load
Curve X-axis units	Percentage
Curve Y-axis maximum	100 %
Curve Y-axis minimum	50 %
Curve Y-axis title	Efficiency
Curve Y-axis units	Percentage
Graph display	1
Show note OP temperature	No
Battery curve	B
Liquid value	0
Battery power in VAH	293 VAh runtime
UPS size	S

Environment

Product certifications	ENERGY STAR V2.0 (USA) CSA UL 1778 5th edition FCC part 15 class A cUL
Equipment protection policy	Lifetime : \$150000
Ambient air temperature for operation	0...40 °C
Ambient air temperature for storage	-15...45 °C
Storage altitude	0...15240 m
IP degree of protection	IP20
Relative humidity	0...95 %
Storage Relative Humidity	0...95 %

Acoustic level	46 dB
Heat dissipation	116 Btu/h
Operating altitude	0...10000 ft

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

Contractual warranty

Warranty (in months)	24 Battery 36 UPS
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Environmental footprint

Total lifecycle Carbon footprint 1985

Environmental Disclosure [Product Environmental Profile](#)

Use Better

Materials and Substances

Packaging made with recycled cardboard Yes

Packaging without single use plastic No

[EU RoHS Directive](#) Compliant with Exemptions

REACH Regulation [REACH Declaration](#)

Energy efficiency

Energy Efficiency Optimized Energy efficient product

ENERGY STAR® ENERGY STAR UPS V2.0 (USA)

Use Longer

Lifetime extension

Repair No

Use Again

Repack and remanufacture

End of life manual availability [End of Life Information](#)

Removable battery User replaceable

Take-back No

WEEE Label The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Image of product / Alternate images

Alternative

