

Product data sheet

Specifications



APC Smart-UPS, Line Interactive,
1500VA, Rackmount 2U, 120V, 6x
NEMA 5-15R outlets,
SmartConnect Port+Network Card,
AVR, LCD

SMT1500RM2UCNC

Overview

Lead time Usually Ships within 2 Weeks

Main

Main Input Voltage	120 V AC 1 phase
Other Input Voltages	110 V 125 V
Input Connection Type	NEMA 5-15P
Efficiency at full load	75...154 V adjustable 82...144 V
Input Frequency	50/60 Hz +/- 3 Hz auto-sensing
Output voltage	120 V AC 1 phase
Other Output Voltages	110 V 115 V
Rated power in W	1000 W
rated power in VA	1440 VA
output connection type	6 NEMA 5-15R
Harmonic distortion	Less than 5%
Maximum configurable power in VA	1440 VA
Max Configurable Power (Watts)	1000 W
Transfer Time	6ms typical : 10ms maximum
Topology	Line Interactive
Waveform Type	Sine wave
Output frequency	50/60 Hz +/- 3 Hz sync to mains
Replacement battery	APCRBC159

Graphs

Run Time	View Runtime Graph
Efficiency	View Efficiency Graph

Complementary

Battery Size	Lead-acid internal included
Control panel	Multi-function LCD status and control console

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Free slots	1
Pre-Installed SmartSlot Cards	Network management card 2 with environmental monitoring
Alarm	Alarm when on battery : distinctive low battery alarm : configurable delays
Software compatibility	IT Expert SmartConnect Secure NMC System PowerChute Network Shutdown Data Centre Expert PowerChute Serial Shutdown
UPS connectivity	Serial port USB port SmartConnect port Pre-installed network management card 3
Communication port support	SmartConnect Ethernet port: for cloud monitoring feature availability varies by terms of use
Software package	SmartConnect software for remote power monitoring feature availability varies by terms of use
Surge energy rating	680 J
Filtering	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : m
Number of rack unit	2U
Cable length	7.9 ft (2.4 m)
Number of cables	1
color	Black
Height	3.4 in (86 mm)
Width	17.008 in (432 mm)
Depth	18.8 in (477 mm)
Product Weight	58.4 lb(US) (26.5 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 USB cable
Number of power module	0
Number of power module filled slots	0
Number of power module free slots	0
Additional specification	Cloud-enabled monitoring
Redundant	No
Range of Product	Smart-UPS
Product or Component Type	Uninterruptible power supply (UPS)

Environment

Product Certifications	cULus ENERGY STAR V2.0 (USA)
Equipment protection policy	Lifetime : \$150000
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...15240 m)
Relative Humidity	0...95 %
Storage Relative Humidity	0...95 %
Acoustic level	45 dBA
Online Thermal Dissipation	225 Btu/h
Operating altitude	0...10000 ft

Batteries & Runtime

Battery Type	Lead-Acid battery
Extendable Run Time	0
Included Battery Modules	0
Battery Slots Empty	0
Typical recharge time	3 h
RBC Quantity	1
Battery Life	4...6 year(s)
Battery Charge Power (Watts)	144 W rated

Ordering and shipping details

GTIN	731304450795
Country of origin	PH

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	9.3 in (23.5 cm)
Package 1 Width	24.02 in (61 cm)
Package 1 Length	23.2 in (59 cm)
Package weight(Lbs)	71.03 lb(US) (32.22 kg)

Contractual warranty

Warranty (in months)	36
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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	1 114 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	843 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	20 kg CO2 eq.
Carbon footprint of the installation phase [A5]	6 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	214 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	31 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
SCIP Number	31346aed-552c-4a16-81d9-e683a383b6da
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold



Energy efficiency

Optimized Energy Efficiency	Energy efficient product
ENERGY STAR®	ENERGY STAR UPS V2.0 (USA)

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	51
Circularity Profile	End of Life Information
Removable battery	User replaceable
Take-back	Yes

Technical Illustration

Dimensions



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Product benefits / Features

Peace of Mind

Ensure that your equipment remains powered, protected and available in any scenario.

3-year

Warranty on UPS

2-year

Warranty on battery



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Product benefits / Features



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Product benefits / Features

Communication Ports and Outlets

Advanced monitoring and management capabilities with numerous outlets to power and protect all your sensitive devices.



Network Management Card 3



SmartConnect Ethernet Port



3 NEMA 5-15R outlets (switched outlet group 1)



3 NEMA 5-15R outlets

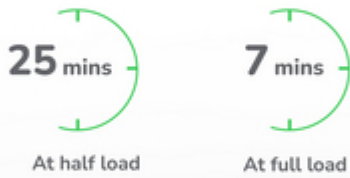


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Product benefits / Features

Runtime

Support your sensitive electronics with battery power during utility power outages.



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Product benefits / Features

Peace of mind at home or office with PowerChute™ Serial Shutdown Software

UPS management, graceful shutdown, and energy management software for:



Desktops



Servers



Workstations



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Product benefits / Features

Premium Power Protection
Maintain business operations, customer satisfaction, and revenue by mitigating power and voltage disruptions.

-  1440VA/1000W Battery backup
-  Pure sine wave power
-  98.8% Energy efficiency

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Product benefits / Features

SmartConnect Ethernet Port

Out-of-box cloud-based remote power monitoring


UPS firmware
upgrades


Remote
diagnostics


Proactive email
notifications


Recommended
actions



Select features may be subject to tier-based licensing. Terms on the Smart-UPS Web Portal.

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Product benefits / Features

Intelligent battery management



Battery replacement recommendations



Temperature-compensated charging



Periodic battery self-test



Disconnect battery notifications



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Product benefits / Features



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Product benefits / Features

AVR : Automatic Voltage Regulation

Voltage fluctuations put your devices at risk. AVR instantly corrects variances in incoming voltage, ensuring stable and consistent power to your connected devices.



Benefits of AVR

Increased battery life

Protection against system crash

Protection against data loss

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Product benefits / Features

Network Management Card

Remotely monitor and manage your Smart-UPS with a pre-installed Network Management Card 3.

-  Configuration and control options
-  Event and data logging
-  Enterprise management system compatible
-  Enables connection to EcoStruxure IT



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Product benefits / Features

Power protection for your physical & virtual IT environment with PowerChute™ Network Shutdown Software

Unattended, graceful shutdown, automated start-up and ease of use for:



Hyperconverged infrastructure



Virtual machines



Hosts and cluster services



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Product benefits / Features

Intuitive LCD interface

Real-time status updates with multiple language options, and intuitive navigation keys.



