

# Product data sheet

Specifications



APC Smart-UPS, Line Interactive, 750VA, Rackmount 1U, 100V, 4x NEMA 5-15R outlets, SmartSlot, AVR, LCD, With rail kit

SMT750RMJ1U

## Overview

Lead time Usually Ships within 2 Weeks

## Main

Main Input Voltage	100 V AC 1 phase
Other Input Voltages	75...119 V
Input Connection Type	NEMA 5-15P
Maximum Input Current per Phase	7.5 A
Input Total Harmonic Distortion	Less than 5% for full load
Input protection type	Circuit breaker
Inrush current	400 x In
Load power factor	From 0.7 leading to 0.5 lagging without any derating
Cos phi	0.7
Switching current capacity	10 A
Plug standard	5-15P
Efficiency at full load	70...125 V adjustable 75...119 V
Input current	7.5 mA rated
Input Frequency	50/60 Hz auto sensing
Output voltage	100 V AC 1 phase
Other Output Voltages	100 V
Rated power in W	525 W
rated power in VA	750 VA
output connection type	4 NEMA 5-15R
Bypass type	Built-in Bypass
Crest factor	3 : 1
Harmonic distortion	Less than 5 % at full load
Maximum configurable power in VA	750 VA
Max Configurable Power (Watts)	525 W
Output Voltage THD	< 2% at 100% linear load and < 5% at 100% non-linear load
Overload Operation	60 seconds @ 125% and 30 seconds @ 150%
Output voltage tolerance	+/- 2%
Transfer Time	5ms typical : 8ms maximum

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

<b>Topology</b>	Line Interactive
<b>Waveform Type</b>	Sine wave
<b>Efficiency at full load</b>	96 %
<b>Output frequency</b>	47...53 Hz for 50 Hz nominal sync to mains 57...63 Hz for 60 Hz nominal sync to mains

## Graphs

Run Time [View Runtime Graph](#) 

## Complementary

<b>Battery Size</b>	Lead-acid internal included
<b>Emergency Power Off (EPO)</b>	Yes
<b>Alarm</b>	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
<b>UPS connectivity</b>	Serial port USB port Available expansion slot
<b>Data Line Protection</b>	RJ45 10 Base-T Ethernet protection
<b>Let Through Voltage Rating</b>	5 V
<b>Filtering</b>	Full time multi-pole noise filtering : 5% IEEE surge let-through : zero clamping response time : mee
<b>Number of rack unit</b>	1U
<b>Number of cables</b>	1
<b>color</b>	Black
<b>Height</b>	1.7 in (43.6 mm)
<b>Width</b>	17.0 in (431.8 mm)
<b>Depth</b>	26.02 in (661 mm)
<b>Product Weight</b>	43.0 lb(US) (19.5 kg)
<b>Mounting Location</b>	Side
<b>Mounting Support</b>	Floor
<b>Mounting preference</b>	Upper
<b>Mounting Mode</b>	Rack-mounted with kit Rack-mounted
<b>Two post mountable</b>	1
<b>USB compatible</b>	Yes
<b>Mounting position</b>	Horizontal
<b>Mounting mode</b>	Rack-mounted with included kit
<b>Provided equipment</b>	Rack Mounting brackets Rack Mounting support rails Japanese installation manual USB cable Serial configuration cable
<b>Bypass Voltage Tolerance</b>	+/- 15 %
<b>Max Bypass Input Current</b>	7.5 A
<b>Max runtime</b>	5 min
<b>Bypass Protection Device</b>	10 A

Number of power module	0
Number of power module filled slots	0
Number of power module free slots	0
Number preinstalled power module	4
Redundant	No
Range of Product	Smart-UPS
Product or Component Type	Uninterruptible power supply (UPS)

## Environment

Relative Humidity	0...95 %
Storage Relative Humidity	0...95 %

## Batteries & Runtime

Battery Type	Internal battery
Battery Voltage	24 V
Extendable Run Time	0
Included Battery Modules	0
Battery Slots Empty	0
Battery Life	4...6 year(s)
Battery Charge Power (Watts)	71 W rated

## Ordering and shipping details

GTIN	731304414445
Country of origin	PH

## Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	7.670 in (19.482 cm)
Package 1 Width	22.550 in (57.277 cm)
Package 1 Length	31.180 in (79.197 cm)
Package weight(Lbs)	33.001 lb(US) (14.969 kg)

## Contractual warranty

Warranty (in months)	24
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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	407 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	215 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	5 kg CO2 eq.
Carbon footprint of the installation phase [A5]	1 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	178 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	8 kg CO2 eq.
Environmental Disclosure	<a href="#">Product Environmental Profile</a>

## Use Better



### Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
SCIP Number	B2b22a56-41f2-497e-9ea6-cf093b3b8bd3
EU RoHS Directive	<a href="#">Compliant By Exemption</a>
REACH Regulation	<a href="#">Reference contains Substances of Very High Concern above the threshold</a>

## Use Longer




### Lifetime extension

Repair	No
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## Use Again



### Repack and remanufacture

Recyclability potential, in %	51
Circularity Profile	<a href="#">End of Life Information</a>
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.

