

Product data sheet

Specifications



APC Smart-UPS X, Line Interactive, 750VA, Rack/tower convertible 2U, 120V, 8x 5-15R NEMA, SmartConnect port, Extended runtime

SMX750C

Product availability: Non-Stock - Not normally stocked in distribution facility

Overview

Lead time Usually Ships within 2 Weeks

Main

Main Input Voltage	120 V AC 1 phase
Input Connection Type	NEMA 5-15P
Maximum Input Current per Phase	12 A
Maximum Short Circuit Withstand (Icw)	1000 kA
Switching current capacity	15 A
Efficiency at full load	75...154 V adjustable 82...143 V
Input Frequency	50/60 Hz +/- 3 Hz auto-sensing
Output voltage	120 V AC 1 phase
Rated power in W	675 W
rated power in VA	750 VA
output connection type	8 NEMA 5-15R
Harmonic distortion	Less than 5%
Maximum configurable power in VA	750 VA
Max Configurable Power (Watts)	675 W
Topology	Line Interactive
Waveform Type	Sine wave
Full load runtime	00:11:30 660 W
Half load runtime	00:27:00 330 W
Output frequency	50/60 Hz +/- 3 Hz sync to mains
Replacement battery	APCRBC116

Graphs

Run Time	View Runtime Graph
Efficiency	View Efficiency Graph

Complementary

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

Battery Size	Lead-acid internal included
Emergency Power Off (EPO)	Yes
Free slots	1
Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
UPS connectivity	Serial port USB port SmartConnect port Available expansion slot
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	645 J
Filtering	Full time multi-pole noise filtering : 5% IEEE surge let-through : zero clamping response time : mee
Number of rack unit	2U
Cable length	8 ft (2.4 m)
Number of cables	1
color	Black
Height	17.008 in (432 mm)
Width	3.5 in (89 mm)
Depth	19.3 in (490 mm)
Product Weight	48.61 lb(US) (22.05 kg)
Mounting preference	Lower
Mounting Mode	Rack-mounted with kit
Two post mountable	1
USB compatible	Yes
Mounting mode	Tower
Provided equipment	Warranty card Cat 5 ethernet cable USB cable Smart UPS signalling RS-232 cable Removable support feet Rack Mounting brackets Installation guide
Number of power module	0
Number of power module filled slots	0
Number of power module free slots	0
Additional specification	Extended run
Redundant	No
Range of Product	Smart-UPS
Product or Component Type	Uninterruptible power supply (UPS)

Environment

Product Certifications	cUL Listed ENERGY STAR V2.0 (USA)
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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	40 dBA
Online Thermal Dissipation	69 Btu/h
Operating altitude	0...10000 ft

Batteries & Runtime

Battery Type	Lead-Acid battery
Extendable Run Time	1
Included Battery Modules	1
Battery Slots Empty	1
Typical recharge time	3 h
RBC Quantity	1
Overcurrent protection	60 A
Battery Life	3...5 year(s)
Battery Charge Power (Watts)	104 W rated

Ordering and shipping details

GTIN	731304401100
Country of origin	PH

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	23.2 in (58.9 cm)
Package 1 Width	24.4 in (62 cm)
Package 1 Length	9.7 in (24.6 cm)
Package weight(Lbs)	58.4 lb(US) (26.5 kg)

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	910 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	697 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	17 kg CO2 eq.
Carbon footprint of the installation phase [A5]	5 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	166 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	25 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
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
WEEE Label	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Technical Illustration

Dimensions



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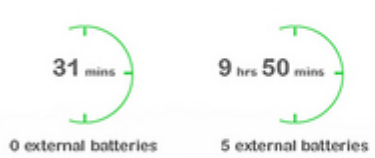
Product benefits / Features



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Product benefits / Features

Extended Runtime
Supports up to 5 external battery packs.



The diagram illustrates the extended runtime of the APC SMX750C UPS. It features two circular gauges. The first gauge, labeled '0 external batteries', shows a runtime of 31 mins. The second gauge, labeled '5 external batteries', shows a runtime of 9 hrs 50 mins. To the right of the gauges is a photograph of the APC SMX750C UPS tower unit, which is a black, vertical server rack with two doors and the APC logo at the bottom.

External Batteries	Runtime
0 external batteries	31 mins
5 external batteries	9 hrs 50 mins

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Product benefits / Features



Offer Marketing Illustration

Product benefits / Features




Offer Marketing Illustration

Product benefits / Features

Overview

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

- SmartSlot™ for network management / accessory card
- SmartConnect Ethernet Port
- 6 NEMA 5-15R outlets
- 2 NEMA 5-15R outlets (Switched outlet group 1)



The image shows the front panel of the APC SMX750C UPS. From left to right, it features a power switch, a SmartSlot for an accessory card, a SmartConnect Ethernet port, a fan with the APC logo, a display panel, and a row of six NEMA 5-15R outlets. Below the outlets, there are two more NEMA 5-15R outlets labeled as a switched outlet group.

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Product benefits / Features

Premium Power Protection
Maintain business continuity and positive customer experience while avoiding revenue loss due to power and voltage disruptions.

-  750VA / 675W
Battery backup
-  Pure sine wave
power
-  98.9%
Efficiency

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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



Image of product / Alternate images

Alternative



