

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

Overview

Lead time Usually Ships within 2 Weeks

Main

Main Input Voltage	120 V
Main Output Voltage	120 V
Rated power in W	675 W
Rated power in VA	750 VA
Input Connection Type	NEMA 5-15P
Output connection type	8 NEMA 5-15R
Number of rack unit	2U
Cable length	8 ft (2.44 m)
Number of cables	1
Battery type	Lead-acid battery
Provided equipment	Warranty card Cat 5 Ethernet cable USB cable Smart UPS signalling RS-232 cable Removable support feet Rack mounting brackets Installation guide

General

Product web sub-family	Extended run
Number of power module free slots	0
Number of power module filled slots	0
Redundant	No

Physical

Colour	Black
Height	17.01 in (43.2 cm)
Width	3.50 in (8.9 cm)

Depth	19.29 in (49 cm)
Net weight	48.61 lb(US) (22.05 kg)
Mounting preference	Lower
Mounting mode	Rack-mounted with kit
Two post mountable	1
USB compatible	Yes

Input

Network frequency	50/60 Hz +/- 3 Hz auto-sensing
Input voltage limits	75...154 V adjustable 82...143 V
Maximum input current	12 A
Switching current capacity	15 A
Max short time withstand current	1000 kA

Output

Maximum configurable power in W	675 W
Harmonic distortion	Less than 5 %
Output frequency	50/60 Hz +/- 3 Hz sync to mains
UPS type	Line interactive
Wave type	Sine wave
Full load runtime	00:11:30 660 W
Half load runtime	00:27:00 330 W
Maximum configurable power in VA	750 VA

Conformance


Product certifications	cUL listed ENERGY STAR V2.0 (USA)
Equipment protection policy	Lifetime : \$150000

Environmental

Ambient air temperature for operation	32...104 °F (0...40 °C)
Relative humidity	0...95 %
Operating altitude	0...10000 ft
Ambient air temperature for storage	5...113 °F (-15...45 °C)
Storage Relative Humidity	0...95 %
Storage altitude	0...50000 ft (0.00...15240.00 m)
Acoustic level	40 dBA
Heat dissipation	69 Btu/h

Batteries & Runtime

Number of battery filled slots	1
Number of battery free slots	1

Battery recharge time	3 h
Number of battery replacement quantity	1
Overcurrent protection	60 A
Battery charger power	104 W rated
Battery power in VAh	269 VAh runtime
Battery life	3...5 year(s)
Replacement battery	APCRBC116 
Battery option	SMX48RMBP2U 1 939 VAh SMX48RMBP2U 2 1620 VAh SMX48RMBP2U 3 2296 VAh SMX48RMBP2U 4 2952 VAh SMX48RMBP2U 5 3648 VAh
Extended runtime	1

Communications & Management

Free slots	1
Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
Emergency power off	Yes

Surge Protection and Filtering

Surge energy rate	645 J
Noise suppression	Full time multi-pole noise filtering : 5% IEEE surge let-through : zero clamping response time : meets UL 1449

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	23.19 in (58.9 cm)
Package 1 Width	24.41 in (62 cm)
Package 1 Length	9.69 in (24.6 cm)
Package 1 Weight	58.42 lb(US) (26.5 kg)

Offer Sustainability

EU RoHS Directive	Under investigation
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 for hardware. 2 years for battery, plus 1 additional year if customers registers device to SmartConnect
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Recommended replacement(s)