

Product data sheet

Specifications



APC Smart-UPS X, Line Interactive, 1500VA, Rack/tower convertible 2U, 120V, 8x 5-15R NEMA, SmartConnect port, Extended runtime

SMX1500RM2UC

Overview

Lead time Usually Ships within 2 Weeks

Main

Main Input Voltage	120 V
Main Output Voltage	120 V
Kw Rating	1350 W
Rated power in VA	1440 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	Installation guide Rack mounting hardware Rack Mounting support rails Removable support feet Smart UPS signalling RS-232 cable USB cable Cat 5 ethernet cable

General

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

Physical

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

Depth	19.29 in (49 cm)
Net Weight	54.72 lb(US) (24.82 kg)
Mounting Location	Front
Mounting preference	Lower
Mounting Mode	Rack-mounted with kit
Two post mountable	0
USB compatible	Yes

Input

Maximum Input Current per Phase	12 A
Maximum Short Circuit Withstand (Icw)	1000 kA
Switching current capacity	20 A
Efficiency at full load	75...154 V adjustable 82...143 V
Input Frequency	50/60 Hz +/- 3 Hz auto-sensing

Output

Harmonic distortion	Less than 5%
Maximum configurable power in VA	1440 VA
Max Configurable Power (Watts)	1350 W
Topology	Line Interactive
Waveform Type	Sine wave
Full load runtime	00:05:00
Half load runtime	00:15:00
Output frequency	50/60 Hz +/- 3 Hz sync to mains

Conformance


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

Environmental

Acoustic level	40 dBA
Heat dissipation	133 Btu/h
Operating altitude	0...10000 ft
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 (0.00...15240.00 m)
Relative Humidity	0...95 %
Storage Relative Humidity	0...95 %

Batteries & Runtime

Battery Voltage	48V
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Extendable Run Time	0
Included Battery Modules	0
Battery Slots Empty	0
Typical recharge time	3 h
RBC Quantity	1
Battery Life	3...5 year(s)
Replacement battery	APCRBC115 
Battery power in VAh	288 VAh runtime
Battery Charge Power (Watts)	103 W rated
Battery option	SMX48RMBP2U 5 3303 VAh SMX48RMBP2U 4 2700 VAh SMX48RMBP2U 3 2100 VAh SMX48RMBP2U 2 1495 VAh SMX48RMBP2U 1 888 VAh

Communications & Management

Control panel	Multi-function LCD status and control console
Emergency Power Off (EPO)	Yes
Free slots	1
Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm

Surge Protection and Filtering

Surge energy rating	645 J
Filtering	Full time multi-pole noise filtering : 5% IEEE surge let-through : zero clamping response time : mee

Ordering and shipping details

GTIN	731304401131
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Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	9.69 in (24.6 cm)
Package 1 Width	24.41 in (62 cm)
Package 1 Length	23.19 in (58.9 cm)
Package 1 Weight	66.14 lb(US) (30 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)