

# SMX1500RM2UC

## APC Smart-UPS X 1500VA Rack/Tower LCD 120V with SmartConnect Port



### Overview

Lead time	Usually Ships within 2 Weeks
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### General

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
Product web sub-family	Extended run
Performance multiplier	1
Number of tare power	5.6 W
Number of power module free slots	0
Number of power module filled slots	0
Redundant	No
UPS size	S
Value multiplier	1

### Physical

Cable length	8 ft (2.44 m)
Number of rack unit	2U
Color	Black
Depth	19.29 in (49 cm)
Height	3.50 in (8.9 cm)
Mounting location	Front
Mounting preference	Lower
Net weight	54.72 lb(US) (24.82 kg)
Mounting mode	Rack-mounted with kit
Two post mountable	0
USB compatible	Yes
Width	17.01 in (43.2 cm)

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## Input

Input Frequency	50/60 Hz +/- 3 Hz auto-sensing
Plug standard	NEMA 5-15P
Efficiency at full load	75...154 V adjustable 82...143 V
Maximum Input Current per phase	12 A
Switching current capacity	20 A
Maximum Short Circuit Withstand (I <sub>cw</sub> )	1000 kA
Number of cables	1
Nominal Input Voltage	120 V

## Output

Rated power in W	1350 W
Harmonic distortion	Less than 5%
Output Frequency (sync to mains)	50/60 Hz +/- 3 Hz sync to mains
Topology	Line Interactive
Waveform Type	Sine wave
Nb of power socket outlets	8 NEMA 5-15R
Curve equation	Efficiency
Curve fixed loss	0.0032
Curve load maximum	100 %
Curve load minimum	1 %
Curve proportional loss	0
Curve square loss	0.0095
Curve X-axis maximum	100 %
Curve test cond ID	Curve fit of data measured in accordance with the US DOE Test Procedure for Uninterruptible Power Supplies. All measurements taken in normal mode(s), at typical environmental conditions, with 120V/60Hz electrical input and balanced resistive load (PF = 1.0) output.
Curve X-axis minimum	0 %
Curve X-axis title	Load
Curve X-axis units	Percentage
Curve Y-axis maximum	100 %
Curve Y-axis minimum	50 %
Curve Y-axis title	Efficiency
Curve Y-axis units	Percentage
Full load runtime	00:05:00
Graph display	1
Half load runtime	00:15:00
Output voltage	120 V
Maximum configurable power in VA	1440 VA
Rated power in VA	1440 VA

## Conformance

Product certifications	CUL Listed
Standards	UL 1778
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 altitude	0...50000 ft (0.00...15240.00 m)
Acoustic level	40 dBA

Online Thermal Dissipation	133 Btu/h
Show note OP temperature	No

### Batteries & Runtime

Battery type	Lead-Acid battery
Included Battery Modules	0
Battery Slots Empty	0
Typical recharge time	3 h
RBC Quantity	1
Liquid Electrolyte Value	0
Battery voltage	48V
Battery curve	D
Battery Charge Power (Watts)	103 W rated
Battery power in VAh	288 VAh runtime
Battery life	3...5 year(s)
Battery option	SMX48RMBP2U 5 3303 VAh SMX48RMBP2U 4 2700 VAh SMX48RMBP2U 3 2100 VAh SMX48RMBP2U 2 1495 VAh SMX48RMBP2U 1 888 VAh
Extendable Run Time	0

### Communications & Management

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

### 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

Package weight(Lbs)	66.14 lb(US) (30 kg)
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### Packing Units

Package 1 Height	9.69 in (24.6 cm)
Package 1 width	23.19 in (58.9 cm)
Package 1 Length	24.41 in (62 cm)
Number of Units in Package 3	8

### 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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