

Product data sheet

Specifications



APC Smart-UPS X, Line Interactive, 2200VA, Rack/tower convertible 2U, 208V-230V, 8x C13+1x C19 IEC, Network card, Extended runtime

SMX2200R2HVNC

Overview

Presentation Intelligent and efficient network power protection from entry level to scalable runtime. Ideal UPS for servers, point-of-sale, routers, switches, hubs and other network devices.

Lead time Usually in Stock

Main

Main Input Voltage 208 V
230 V

Other Input Voltage 220 V
240 V

Main Output Voltage 208 V
230 V

Other Output Voltage 220 V
240 V

Kw Rating 1980 W

Rated power in VA 2200 VA

Input Connection Type BS1363A British
IEC 320 C20
Schuko CEE 7 / EU1-16P

Output connection type 8 IEC 320 C13
2 IEC Jumpers
1 IEC 320 C19

Number of rack unit 2U

Cable length 6 ft (1.83 m)

Number of cables 1

Battery Type Lead-Acid battery

Provided equipment CD with software
Documentation CD
Installation guide
Network Management Card
Rack Mounting support rails
Smart UPS signalling RS-232 cable
Temperature Probe
USB cable

General

Number of power module filled slots 0

Number of power module free slots 0

Product web sub-family	Extended run
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Redundant	No
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Physical

Color	Black
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Height	3.35 in (8.5 cm)
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Width	17.01 in (43.2 cm)
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Depth	26.26 in (66.7 cm)
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Net Weight	82.10 lb(US) (37.24 kg)
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Mounting Location	Front
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Mounting preference	Lower
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Mounting Mode	Not rack-mountable
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Two post mountable	0
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USB compatible	Yes
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Input

Efficiency at full load	140...280 V
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Input Frequency	50/60 Hz +/- 3 Hz auto-sensing
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Output

Harmonic distortion	Less than 5%
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Maximum configurable power in VA	2200 VA
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Max Configurable Power (Watts)	1980 W
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Transfer Time	6ms typical : 10ms maximum
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Topology	Line Interactive
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Waveform Type	Sine wave
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Output frequency	50/60 Hz +/- 3 Hz sync to mains
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Conformance

Product Certifications	CE CSA EAC IRAM RCM VDE
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Standards	EN/IEC 62040-1:2019/A11:2021 EN/IEC 62040-2:2006/AC:2006 EN/IEC 62040-2:2018
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Environmental

Acoustic level	55 dBA
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Heat dissipation	150 Btu/h
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Operating altitude	0...10000 ft
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Ambient Air Temperature for Operation	32...104 °F (0...40 °C)
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Ambient Air Temperature for Storage	5...113 °F (-15...45 °C)
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Storage altitude	0...50000 ft (0.00...15240.00 m)
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Relative Humidity	0...95 %
Storage Relative Humidity	0...95 %

Batteries & Runtime

Extendable Run Time	1
Included Battery Modules	0
Battery Slots Empty	0
Typical recharge time	3 h
RBC Quantity	1
Battery life	3...5 year(s)
Replacement battery	APCRBC117  APCRBC117US  SMX2KR2UX145  SMX3KR2UNCX145 
Battery power in VAH	702 VAh runtime
Battery Charge Power (Watts)	233 W rated
Battery option	SMX120RMBP2U 1 2106 VAh SMX120RMBP2U 2 3510 VAh SMX120RMBP2U 3 4914 VAh SMX120RMBP2U 4 6318 VAh SMX120RMBP2U 6 9126 VAh SMX120RMBP2U 8 11934 VAh SMX120RMBP2U 10 14742 VAh

Communications & Management

Audible Alarm	Alarm when on battery : distinctive low battery alarm : configurable delays
Control panel	LED status display with load and battery bar-graphs and On Line : On Battery : Replace Battery : and Overload Indicators Multi-function LCD status and control console
Emergency Power Off (EPO)	Yes
Pre-Installed SmartSlot™ Cards	Network management card 2 with environmental monitoring

Surge Protection and Filtering

Surge energy rating	645 J
Filtering	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : m

Ordering and shipping details

GTIN	731304327738
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Packing Units

Unit Type of Package 1	PCE
Package 1 Length	23.46 in (59.6 cm)
Number of Units in Package 1	1
Package 3 Weight	855.13 lb(US) (387.88 kg)
Number of Units in Package 3	8
Package 1 Width	34.21 in (86.9 cm)
Package 1 Height	9.57 in (24.3 cm)
Package 1 Weight	99.78 lb(US) (45.26 kg)
Pallet unit layers	2

Pallet layers 4

Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Lead free	Yes
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
Optimized Energy Efficiency	Energy efficient product
Take-back	Take-back program available

Contractual warranty

Warranty 3 years repair or replace (excluding battery) and 2 years for battery