SMX2000LV
APC Smart-UPS X 2000VA Rack/Tower LCD 100-127V

Green Premium™

Overview

Lead time	Usually Ships within 2 Weeks

General

Provided equipment	CD with software Documentation CD Installation guide Rack mounting hardware Rack mounting brackets Rack mounting support rails Removable support feet Smart UPS signalling RS-232 cable USB cable
Product web sub-family	Extended run
Performance multiplier	1
Number of power module	1750
Number of tare power	40 W
Number of power module free slots	0
Number of power module filled slots	0
Redundant	No
Size UPS version	Internetworking Server Telecom
UPS size	S
Value multiplier	1

Physical

Cable length	2.44 m
Number of rack unit	4U
Colour	Black

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Depth	48.3 cm
Height	43.2 cm
Mounting location	Front
Mounting preference	Lower
Net weight	38.64 kg
Mounting mode	Rack-mounted
Two post mountable	1
USB compatible	Yes
Width	17.8 cm

Input

Network frequency	50/60 Hz +/- 3 Hz auto-sensing
Plug standard	NEMA 5-20P
Input voltage limits	75...154 V adjustable 70...153 V
Inputvolt_other	100 V 110 V 127 V
Number of cables	1
Input voltage	120 V

Output

Rated power in W	1800 W
Maximum configurable power in W	1800 W
Harmonic distortion	Less than 5 %
Output frequency	50/60 Hz +/- 3 Hz sync to mains
Outputvolt_other	100 V 110 V 127 V
UPS type	Line interactive
Wave type	Sine wave
Nb of power socket outlets	6 NEMA 5-15R 3 NEMA 5-20R 1 NEMA L5-20R
Curve equation	Efficiency
Curve fixed loss	0.0093
Curve load maximum	100 %
Curve load minimum	1 %
Curve proportional loss	0
Curve square loss	0.0135
Curve X-axis maximum	100 %
Curve test cond ID	Curve fit of data measured in accordance with the ENERGY STAR Test Method 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
Graph display	1
Output voltage	120 V
Maximum configurable power in VA	1920 VA
Rated power in VA	1920 VA

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Transfer time	2-4 ms
	4 ms typical : 8 ms maximum

Conformance

Product certifications	BSMI
	CSA
	NOM
	TÜV
	VCCI class A
Standards	EN 50091-2
	EN 55022 class A
	FCC part 15 class A
	UL 1778
Equipment protection policy	Lifetime : $150000

Environmental

Ambient air temperature for operation	0…40 °C
Relative humidity	0…95 %
Operating altitude	0...10000 ft
Ambient air temperature for storage	-15…45 °C
Storage altitude	0.00…15240.00 m
Acoustic level	55 dBA
Heat dissipation	203 Btu/h
Show note OP temperature	No

Batteries & Runtime

Battery type	Lead-acid battery
Number of battery filled slots	0
Number of battery free slots	0
Battery recharge time	3 h
Number of battery replacement quantity	1
Liquid value	0
Battery curve	C
Battery charger power	229 W rated
Battery power in VAH	690 VAh runtime
Battery life	3…5 year(s)
Battery option	SMX120BP 1 2070 VAh
	SMX120BP 2 3450 VAh
	SMX120BP 3 4830 VAh
	SMX120BP 4 6210 VAh
	SMX120BP 6 8970 VAh
	SMX120BP 8 11730 VAh
	SMX120BP 10 14490 VAh
Extended runtime	1

Communications & Management

Free slots	1
Control panel	LED status display with on line : on battery : replace battery and overload indicators
	Multifunction LCD status and control console
Alarm	Alarm when on battery : distinctive low battery alarm : configurable delays
Emergency power off	Yes

Surge Protection and Filtering

Surge energy rate	540 J

Noise suppression	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449

Packing Units

Package 1 Weight	47.73 kg
Package 1 Height	33 cm
Package 1 width	58.6 cm
Package 1 Length	63.3 cm
Number of Units in Package 3	6
Package 3 Weight	388.69 kg
Package 3 Height	110.49 cm
Package 3 width	121.92 cm
Package 3 Length	78.74 cm
Pallet unit layers	2
Pallet layers	4

Offer Sustainability

Sustainable offer status	Green Premium product
Energy Star	ENERGY STAR UPS V1.0 (USA)
REACh Regulation	REACh Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
Optimized Energy Efficiency	Energy efficient product

Contractual warranty

Warranty	3 years repair or replace (excluding battery) and 2 years for battery, optional on-site warranties available, optional extended warranties available

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