

Product data sheet

Specifications



APC Smart-UPS X, Line Interactive,
3kVA, Rack/tower convertible 2U,
100V-127V, 3x 5-15R+3x 5-20R+1x
L5-30R NEMA, NMC, Extended
runtime, TAA

SMX3KRMLVNCUS

Overview

Lead time	Usually Ships within 2 Weeks
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Main

Main Input Voltage	120 V
Other Input Voltage	100 V 110 V 127 V
Main Output Voltage	120 V
Other Output Voltage	100 V 110 V 127 V
Rated power in W	2700 W
Rated power in VA	2880 VA
product or component type	Uninterruptible power supply (UPS)
Input Connection Type	NEMA L5-30P
output connection type	3 NEMA 5-15R 3 NEMA 5-20R 1 NEMA L5-30R
Number of rack unit	2U
Cable length	2.4 m
Number of cables	1
Battery type	Lead-acid battery
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 Web/SNMP management card

Batteries & Runtime

Efficiency	View Efficiency Graph
Extended runtime	1
Number of battery filled slots	0
Number of battery free slots	0

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Battery recharge time	3 h
Number of battery replacement quantity	1
Battery life	3...5 year(s)
Replacement battery	APCRBC117US 
Battery charger power	245 W rated

General

Number of power module	2400
Number of power module filled slots	0
Number of power module free slots	0
product web sub-family	TAA Compliant
Redundant	No

Physical

Colour	Black
Height	8.5 cm
Width	43.2 cm
Depth	66.7 cm
net weight	38.45 kg
mounting location	Front
Mounting preference	Lower
mounting mode	Rack-mounted
Two post mountable	0
USB compatible	Yes

Input

Input voltage limits	70...153 V
Network frequency	50/60 Hz +/- 3 Hz auto-sensing

Output

Harmonic distortion	Less than 5 %
Maximum configurable power in VA	2880 VA
Maximum configurable power in W	2700 W
Maximum output current	15 A
Transfer time	2-4 ms 4 ms typical : 8 ms maximum
UPS type	Line interactive
Wave type	Sine wave
Output frequency	50/60 Hz +/- 3 Hz sync to mains

Conformance

Product certifications	BSMI CSA NOM TAA compliance TÜV VCCI class A
Equipment protection policy	Lifetime : \$150000

Environmental

Acoustic level	55 dBA
heat dissipation	276 Btu/h
Operating altitude	0...10000 ft
Ambient air temperature for operation	0...40 °C
Ambient air temperature for storage	-15...45 °C
Storage altitude	0.0000000000...15240.0000000000 m
Relative humidity	0...95 %
Storage Relative Humidity	0...95 %

Communications & Management

control panel	Multifunction LCD status and control console
Emergency power off	Yes
Free slots	0
Preinstalled device	Network management card 3 with environmental monitoring
Control panel	LED status display with on line : on battery : replace battery and overload indicators
Alarm	Alarm when on battery : distinctive low battery alarm : configurable delays

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

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	24.3 cm
Package 1 Width	86.9 cm
Package 1 Length	59.6 cm
Package 1 Weight	45.36 kg
Pallet unit layers	2
Pallet layers	4

Contractual warranty

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

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Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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[Guide to assess a product's sustainability >](#)



Energy Efficient Take-back Transparency RoHS/REACH

Resource performance

✓ Energy Efficient Product

✓ Take-Back Program Available

Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information [Yes](#)

Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Compliant with Exemptions

Environmental Disclosure [Product Environmental Profile](#)

Circularity Profile [End of Life Information](#)