Product data sheet
Characteristics

SMX3000RMHV2U
APC Smart-UPS X 3000VA Rack/Tower LCD 200-240V



Overview

Lead time	Usually in Stock

General

Provided equipment	CD with software Documentation CD Smart UPS signalling RS-232 cable User manual USB cable Rack mounting brackets
Additional specification	Extended run
Performance multiplier	1
Number of power module	2400
Number of tare power	41 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	1.83 M
Number of rack unit	2U
Colour	Black
Depth	66.7 Cm
Height	8.5 Cm
Mounting location	Front
Mounting preference	Lower
Net weight	37.32 Kg
Mounting mode	Rack-mounted
Two post mountable	0
USB compatible	Yes
Width	43.2 Cm

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Input

Network frequency	50/60 Hz +/- 3 Hz auto-sensing
Plug standard	IEC 320 C20 Schuko CEE 7 / EU1-16P BS1363A British
Input voltage limits	140...280 V
Inputvolt_other	220 V 240 V
Number of cables	1
Input voltage	208 V 230 V

Output

Rated power in W	2700 W
Maximum configurable power in W	2700 W
Harmonic distortion	Less than 5 %
Output frequency	50/60 Hz +/- 3 Hz sync to mains
Outputvolt_other	208 V 220 V 240 V
Crest factor	3 : 1
UPS type	Line interactive
Wave type	Sine wave
Nb of power socket outlets	8 IEC 320 C13 2 IEC Jumpers 1 IEC 320 C19
Curve equation	Efficiency
Curve fixed loss	0.0134
Curve load maximum	100 %
Curve load minimum	2 %
Curve proportional loss	0.0001
Curve square loss	0.0016
Curve X-axis maximum	100 %
Curve test cond ID	Curve fit to measured efficiency data. All measurements taken in normal operating mode, at typical environmental conditions, with nominal 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	230 V
Maximum configurable power in VA	3000 VA
Rated power in VA	3000 VA
Transfer time	2-4 ms 6 ms typical : 10 ms maximum

Conformance

Product certifications	CE CSA EAC IRAM RCM VDE
Standards	EN/IEC 62040-1 EN/IEC 62040-2 UL 1778

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 Relative Humidity	0…95 %
Storage altitude	0.00…15240.00 M
Acoustic level	55 dBA
Heat dissipation	184 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	245 W rated
Battery power in VAH	738 VAh runtime
Battery life	3…5 Year(S)
Battery option	SMX120RMBP2U 1 2214 VAh SMX120RMBP2U 2 3690 VAh SMX120RMBP2U 3 5166 VAh SMX120RMBP2U 4 6642 VAh SMX120RMBP2U 6 9594 VAh SMX120RMBP2U 8 12546 VAh SMX120RMBP2U 10 15498 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	645 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	45.36 Kg
Package 1 Height	24.3 Cm
Package 1 width	59.6 Cm
Package 1 Length	86.9 Cm
Number of Units in Package 3	8
Package 3 Weight	388.69 Kg
Package 3 Length	100 Cm
Pallet unit layers	2
Pallet layers	4

Offer Sustainability

Sustainable offer status	Green Premium product
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

Product Life Status : Commercialised