Product data sheet
Characteristics

SMX3000RMHV2U
APC Smart-UPS X, Line Interactive, 3kVA, Rack/tower convertible 2U, 208V-230V, 8x C13+1x C19 IEC, SmartSlot, Extended runtime



Overview

Presentation	Intelligent and efficient network power protection from entry level to scalable runtime. Ideal UPS

Main

Main Input Voltage	208 V AC 230 V AC
Input voltage	220 V 240 V
Input Connection Type	IEC 60320 C20 CEE 7/7 BS 1363 British
Input voltage limits	140...280 V
Network frequency	50/60 Hz +/- 3 Hz auto-sensing
Output voltage	208 V AC 1 phase 230 V AC 1 phase
Output voltage	208 V 220 V 240 V
Rated power in W	2700 W
Rated power in VA	3000 VA
Output connection type	8 IEC 60320 C13 2 IEC Jumpers 1 IEC 60320 C19
Crest factor	3 : 1
Harmonic distortion	Less than 5 %
Maximum configurable power in VA	3000 VA
Maximum configurable power in W	2700 W
Transfer time	2-4 ms 6 ms typical : 10 ms maximum
UPS type	Line interactive
Wave type	Sine wave
Output frequency	50/60 Hz +/- 3 Hz sync to mains

Complementary

Battery type	Lead-acid internal included
Control panel	Multifunction LCD status and control console
Emergency power off	Yes
Free slots	1
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
UPS connectivity	Serial port USB port Available expansion slot
Surge energy rate	645 J
Noise suppression	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : m
Number of rack unit	2U
Cable length	1.8 M
Number of cables	1
Colour	Black
Height	85 Mm
Width	432 Mm
Depth	667 Mm
Net weight	37.32 Kg
Mounting location	Front
Mounting preference	Lower
Mounting mode	Rack-mounted
Two post mountable	0
USB compatible	Yes
Mounting mode	Rack-mounted with included kit
Provided equipment	CD with software Documentation CD Smart UPS signalling RS-232 cable User manual USB cable Rack mounting brackets
Number of power module	0
Number of power module filled slots	0
Number of power module free slots	0
Additional specification	Extended run
Redundant	No
Range of product	Smart-UPS
Product or component type	Uninterruptible power supply (UPS)

Environment

Product certifications	CE[RETURN]CSA[RETURN]EAC[RETURN]IRAM[RETURN]RCM[RETURN]VDE[RETURN]UK PS
Standards	EN/IEC 62040-1:2019/A11:2021 EN/IEC 62040-2:2006/AC:2006 EN/IEC 62040-2:2018
Ambient air temperature for operation	0…40 °C
Ambient air temperature for storage	-15…45 °C
Storage altitude	0…15240 M
Relative humidity	0…95 %
Storage Relative Humidity	0…95 %
Acoustic level	55 dBA
Heat dissipation	184 Btu/H
Operating altitude	0...10000 ft

Batteries & Runtime

Battery type	Lead-acid battery
Extended runtime	1
Number of battery filled slots	0
Number of battery free slots	0
Battery recharge time	3 H
Number of battery replacement quantity	1
Battery life	3…5 Year(S)
Battery charger power	245 W rated

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	24.3 Cm
Package 1 Width	59.6 Cm
Package 1 Length	86.9 Cm
Package 1 Weight	45.36 Kg
Unit Type of Package 2	PAL
Number of Units in Package 2	8
Package 2 Height	113 Cm
Package 2 Width	100 Cm
Package 2 Length	120 Cm
Package 2 Weight	362.88 Kg
Pallet unit layers	2
Pallet layers	4

Offer Sustainability

Recyclability potential, in %	58
Total lifecycle Carbon footprint	3 241 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	1477.5176409418
Carbon footprint of the manufacturing phase [A1 to A3]	1 478 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.0153889178
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	17.4856421303
Carbon footprint of the installation phase [A5]	17 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	1741.7523223459
Carbon footprint of the use phase [B2, B3, B4, B6]	1 742 kg CO2 eq.
Sustainable packaging	No
Carbon footprint of the end-of-life phase [C1 to C4]	4.0966946446
Carbon footprint of the end-of-life phase [C1 to C4]	4 kg CO2 eq.
Total lifecycle Carbon footprint	3241
Average percentage of recycled plastic content	15 %
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
SCIP Number	5ee38369-4dfb-4636-ab65-b08aa3242891
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant By Exemption
Energy Efficiency Optimized	Energy efficient product
End of life manual availability	End Of Life Information
Removable battery	User replaceable
Take-back	Yes
WEEE Label	The product must be disposed on European Union markets following specific waste collection a

Contractual warranty

Warranty (in months)	36 UPS|24 Battery

Product Life Status :	Commercialised