

# Product datasheet

Specifications



## Smart-UPS X 3000VA rack / tower LCD 200-240V

SMX3000HV

**Price: 44,620.00 ZAR**

### 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 AC  
230 V AC

**Input voltage** 220 V  
240 V

**Input Connection Type** IEC 320 C20  
Schuko CEE 7 / EU1-16P  
BS1363A 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 320 C13  
2 IEC Jumpers  
2 IEC 320 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** 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 battery

**Extended runtime** 1

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

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
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 : meets UL 1449
Number of rack unit	4U
Cable length	1.8 m
Number of cables	1
Colour	Black
Height	432 mm
Width	178 mm
Depth	483 mm
Net weight	38.64 kg
Mounting location	Front
Mounting preference	Lower
Mounting mode	Rack-mounted
Two post mountable	1
USB compatible	Yes
Mounting mode	Tower
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

<b>Product or component type</b>	Uninterruptible power supply (UPS)
<b>Performance multiplier</b>	1
<b>Number of tare power</b>	41 W
<b>Value multiplier</b>	1
<b>Size UPS version</b>	Internetworking Server Telecom
<b>Curve equation</b>	Efficiency
<b>Curve fixed loss</b>	0.0134
<b>Curve load maximum</b>	100 %
<b>Curve load minimum</b>	2 %
<b>Curve proportional loss</b>	0.0001
<b>Curve square loss</b>	0.0016
<b>Curve test cond ID</b>	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.
<b>Curve X-axis maximum</b>	100 %
<b>Curve X-axis minimum</b>	0 %
<b>Curve X-axis title</b>	Load
<b>Curve X-axis units</b>	Percentage
<b>Curve Y-axis maximum</b>	100 %
<b>Curve Y-axis minimum</b>	50 %
<b>Curve Y-axis title</b>	Efficiency
<b>Curve Y-axis units</b>	Percentage
<b>Graph display</b>	1
<b>Show note OP temperature</b>	No
<b>Battery curve</b>	C
<b>Liquid value</b>	0
<b>Battery power in VAh</b>	738 VAh runtime
<b>Battery option</b>	SMX120BP 1 2214 VAh SMX120BP 2 3690 VAh SMX120BP 3 5166 VAh SMX120BP 4 6642 VAh SMX120BP 6 9594 VAh SMX120BP 8 12546 VAh SMX120BP 10 15498 VAh
<b>UPS size</b>	S

## Environment

<b>Product certifications</b>	CE EAC IRAM RCM TISI VDE UK PSTI
<b>Standards</b>	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

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	33.000 cm
Package 1 Width	59.500 cm
Package 1 Length	64.500 cm
Package 1 Weight	47.630 kg
Unit Type of Package 2	P12
Number of Units in Package 2	6
Package 2 Height	114.000 cm
Package 2 Width	80.000 cm
Package 2 Length	120.000 cm
Package 2 Weight	297.780 kg
Pallet unit layers	2
Pallet layers	4

## Contractual warranty

Warranty (in months)	36 UPS 24 Battery
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## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

### Environmental footprint

Total lifecycle Carbon footprint 2450

Environmental Disclosure [Product Environmental Profile](#)

## Use Better

### Materials and Substances

Packaging made with recycled cardboard Yes

Packaging without single use plastic No

[EU RoHS Directive](#) Compliant with Exemptions

SCIP Number 5ee38369-4dfb-4636-ab65-b08aa3242891

REACH Regulation [REACH Declaration](#)

### Energy efficiency

Energy Efficiency Optimized Energy efficient product

## Use Longer

### Lifetime extension

Repair No

## Use Again

### Repack and remanufacture

End of life manual availability [End of Life Information](#)

Removable battery User replaceable

Take-back No

WEEE Label The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Image of product / Alternate images

Alternative

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