

Product datasheet

Specifications



APC Symmetra LX 16kVA Scalable to 16kVA N+1 Rack- mount, 208/240V

SYA16K16RMP

⚠ Discontinued on: 30 Apr 2025

⚠ To be end-of-service on: 30 Mar 2035

⚠ To be discontinued

Price: 441,600.00 ZAR

Overview

Lead time Usually in Stock

Main

Main Input Voltage	208 V AC 1 phase 120 V AC 1 phase 240 V AC 1 phase
Input voltage	240 V
Input harmonic distortion	Less than 7 % for full load
Cos phi	0.98
Input voltage limits	96...138 V line to neutral
Number of input connectors	1 hard wire 4-wire (2P + N + E)
Network frequency	45...65 Hz auto-sensing
Output voltage	120 V AC 1 phase 208 V AC 1 phase 240 V AC 1 phase
Output voltage	240 V
Rated power in W	12800 W
rated power in VA	16000 VA
Output connection type	8 NEMA L5-20R 4 NEMA L14-30R
Output connector type	Hard wire 4-wire (2P + N + E) for 1 zone(s)
Bypass type	Internal bypass (automatic and manual) Optional external bypass
Crest factor	Up to 5 : 1
Harmonic distortion	Less than 5 % at full load
Maximum configurable power in VA	16000 VA
Maximum configurable power in W	12800 W
Maximum output current	75 A
UPS type	Double conversion online
Wave type	Sine wave
Output frequency	47...63 Hz sync to mains 60 Hz +/- 0.1 % for 60 Hz nominal unsynchronised 50 Hz +/- 0.1 % for 50 Hz nominal unsynchronised

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

Complementary

Battery type	Lead-acid battery
Additional information	Configurable for 120/208 or 120/240 output voltage
Extended runtime	1
Number of battery filled slots	4
Number of battery free slots	0
Battery recharge time	3 h
Battery life	3...5 year(s)
Battery charger power	1148 W rated
Battery type	Lead-acid internal included
Control panel	Multifunction LCD status and control console
Emergency power off	Yes
Free slots	1
Preinstalled device	Network management card 2 with environmental monitoring
Alarm	Audible and visible alarms : prioritized by severity
UPS connectivity	Serial port Pre-installed network management card 3 Available expansion slot
Number of rack unit	19U
Colour	Black Silver
Height	836 mm
Width	472 mm
Depth	688 mm
Net weight	286.82 kg
Mounting location	Front
Mounting preference	Lower
Mounting mode	Rack-mounted
Two post mountable	0
USB compatible	No
Mounting mode	Rack-mounted with included kit
Provided equipment	CD with software Documentation CD Installation guide Rack mounting support rails Temperature probe User manual Web/SNMP management card
Number of power module filled slots	4
Number of power module free slots	1
Additional specification	4kVA power increments
Redundant	Yes
Range of product	Symmetra LX
Product or component type	Uninterruptible power supply (UPS)
Performance multiplier	1

Number of tare power	380 W
Value multiplier	1
Size UPS version	Internetworking Server Telecom
Curve equation	Efficiency
Curve fixed loss	0.0305
Curve load maximum	100 %
Curve load minimum	4 %
Curve proportional loss	0.0394
Curve square loss	0.0455
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 maximum	100 %
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
Show note OP temperature	No
Battery curve	C
Liquid value	0
Battery design life	2 year(s)
UPS design life	10 year(s)
Battery power in VAh	3456 VAh runtime
Battery option	SYARMXR3B3 1 6048 VAh SYARMXR3B3 2 8640 VAh SYARMXR9B9 1 11232 VAh SYARMXR9B9 2 19008 VAh SYARMXR9B9 3 26784 VAh SYARMXR9B9 4 34560 VAh SYARMXR9B9 5 42336 VAh SYARMXR9B9 6 50112 VAh
UPS size	L

Environment

Product certifications	CSA
Standards	FCC part 15 class A OSHDP UL 1778
Ambient air temperature for operation	0...40 °C
Ambient air temperature for storage	-15...45 °C
Storage altitude	0...4572 m

Relative humidity	0...95 %
Storage Relative Humidity	0...95 %
Acoustic level	62 dBA
Heat dissipation	4995 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	105.4 cm
Package 1 Width	99.7 cm
Package 1 Length	59.9 cm
Package 1 Weight	340.45 kg

Contractual warranty

Warranty (in months)	24
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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 59914

Use Better



Materials and Substances

Packaging made with recycled cardboard Yes

Packaging without single use plastic No

[EU RoHS Directive](#) Compliant with Exemptions

REACH Regulation [REACH Declaration](#)

Use Longer



Lifetime extension

Repair No

Use Again



Repack and remanufacture

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









