

# Product datasheet

Specifications



## APC Symmetra LX 16kVA Scalable to 16kVA N+1 Rack-mount, 220/230/240V or 380/400/415V

SYA16K16RMI

### Overview

<b>Presentation</b>	High performance, redundant power protection with scalable power and runtime for space-constrained server rooms, and voice and data networks.
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<b>Lead time</b>	Usually in Stock
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### Main

<b>Main Input Voltage</b>	230 V 400 V 3 phases
<b>Other Input Voltage</b>	220 V 240 V 380 V 415 V
<b>Main Output Voltage</b>	230 V
<b>Other Output Voltage</b>	220 V 240 V
<b>Rated power in W</b>	11200 W
<b>Rated power in VA</b>	16000 VA
<b>Output connection type</b>	8 IEC 60320 C13 10 IEC 60320 C19
<b>Output connector type</b>	Hard wire 3-wire (H N + E) 1
<b>Number of rack unit</b>	19U
<b>Battery type</b>	Lead-acid battery
<b>Provided equipment</b>	CD with software Documentation CD Installation guide User manual Web/SNMP management card

### Batteries & Runtime

<b>Number of battery filled slots</b>	4
<b>Number of battery free slots</b>	0
<b>Battery recharge time</b>	3 h
<b>Additional information</b>	Configurable for 220 : 230 or 240 nominal output voltage
<b>Battery charger power</b>	1148 W rated
<b>Battery power in VAh</b>	3456 VAh runtime
<b>Battery life</b>	3...5 year(s)
<b>Replacement battery</b>	<a href="#">SYBT5</a>

Battery option	SYARMXR3B3I 1 6048 VAh SYARMXR3B3I 2 8640 VAh SYARMXR9B9I 1 11232 VAh SYARMXR9B9I 2 19008 VAh SYARMXR9B9I 3 26784 VAh SYARMXR9B9I 4 34560 VAh SYARMXR9B9I 5 42336 VAh SYARMXR9B9I 6 50112 VAh
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Extended runtime	1
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## General

Product web sub-family	4kVA power increments
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Number of power module free slots	1
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Number of power module filled slots	4
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Redundant	Yes
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## Physical

Colour	Black Silver
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Height	83.8 cm
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Width	47.2 cm
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Depth	68.8 cm
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Net weight	286.82 kg
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Mounting location	Front
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Mounting preference	Lower
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Mounting mode	Rack-mounted
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Two post mountable	0
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USB compatible	No
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## Input

Network frequency	45...65 Hz auto-sensing
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Number of input connectors	1 hard wire 3-wire (1P + N + E) 1 hard wire 5-wire (3P + N + E)
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Input voltage limits	155...276 V 290...480 V 3:1
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Input harmonic distortion	Less than 7 % for full load
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Input Power Factor at Full Load	0.98
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## Output

Maximum configurable power in W	11200 W
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Harmonic distortion	Less than 5 % at full load
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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
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Crest factor	Up to 5 : 1
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UPS type	Double conversion online
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Wave type	Sine wave
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Bypass type	Internal bypass (automatic and manual)
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Maximum output current	73 A
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Maximum configurable power in VA	16000 VA
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## Conformance

Product certifications	C-Tick CE GOST VDE
Standards	EN 50091-1 EN 50091-2 EN 55022 class A EN 55024 EN 60950 IEC 60950

## 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...4572.00 m
Acoustic level	62 dBA
Heat dissipation	3707 Btu/h

## Communications & Management

Free slots	1
Preinstalled device	Network management card 2 with environmental monitoring
Control panel	Multifunction LCD status and control console
Alarm	Audible and visible alarms : prioritized by severity
Emergency power off	Yes

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	105.4 cm
Package 1 Width	59.9 cm
Package 1 Length	99.7 cm
Package 1 Weight	340.45 kg

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>

WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
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<b>Optimized Energy Efficiency</b>	Energy efficient product
<b>Take-back</b>	Take-back program available

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## **Contractual warranty**

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<b>Warranty</b>	2 years repair or replace
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## **Recommended replacement(s)**