

# Product datasheet

Specifications



## APC Symmetra LX 16kVA Scalable to 16kVA N+1 Ext. Run Tower, 220/230/240V or 380/400/415V

SYA16K16IXR

### Overview

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

### 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 connector type</b>	Hard wire 3-wire (H N + E) 1
<b>Battery type</b>	Lead-acid battery
<b>Provided equipment</b>	CD with software Documentation CD User manual Web/SNMP management card

### Batteries & Runtime

<b>Number of battery filled slots</b>	9
<b>Number of battery free slots</b>	4
<b>Battery recharge time</b>	7.5 h
<b>Additional information</b>	Configurable for 220 : 230 or 240 nominal output voltage
<b>Battery charger power</b>	1035 W rated
<b>Battery power in VAh</b>	7776 VAh runtime
<b>Battery life</b>	3...5 year(s)
<b>Replacement battery</b>	<a href="#">SYBT5</a>
<b>Battery option</b>	SYBT5 2 9504 VAh SYBT5 4 11232 VAh SYAXR9B9I 1 15552 VAh SYAXR9B9I 2 23328 VAh SYAXR9B9I 3 31104 VAh

SYAXR9B9I 4 38880 VAh  
SYAXR9B9I 5 46656 VAh  
SYAXR9B9I 6 54432 VAh

Extended runtime 1

## General

Product web sub-family 4kVA power increments

Number of power module free slots 1

Number of power module filled slots 4

Redundant Yes

## Physical

Colour Black  
Silver

Height 151.6 cm

Width 48.3 cm

Depth 72.6 cm

Net weight 503.64 kg

Mounting location Front

Mounting preference No preference

Mounting mode Not rack-mountable

Two post mountable 0

USB compatible No

## Input

Network frequency 45...65 Hz auto-sensing

Number of input connectors 1 hard wire 3-wire (1P + N + E)  
1 hard wire 5-wire (3P + N + E)

Input voltage limits 155...276 V 1:1  
290...480 V 3:1

Input harmonic distortion Less than 7 % for full load

Input Power Factor at Full Load 0.98

## Output

Maximum configurable power in W 11200 W

Harmonic distortion Less than 5 % at full load

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

Crest factor Up to 5 : 1

UPS type Double conversion online

Wave type Sine wave

Bypass type Internal bypass (automatic and manual)

Maximum output current 73 A

Maximum configurable power in VA 16000 VA

## 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	188 cm
Package 1 Width	99.7 cm
Package 1 Length	59.9 cm
Package 1 Weight	535.45 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
Optimized Energy Efficiency	Energy efficient product
Take-back	Take-back program available

# Contractual warranty

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Warranty 2 years repair or replace

Recommended replacement(s)