

# Product datasheet

Specifications



## APC Symmetra LX 8kVA Scalable to 16kVA N+1 Ext. Run Tower, 220/230/240V or 380/400/415V

SYA8K16IXR

### 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>	5600 W
<b>Rated power in VA</b>	8000 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 3

Number of power module filled slots 2

Redundant Yes

## Physical

Colour Black  
Silver

Height 151.6 cm

Width 48.3 cm

Depth 72.6 cm

Net weight 473.64 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 36 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	502.27 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>
China RoHS Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
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)