

# Product datasheet

Specifications

**APC**

Green  
Premium™



## APC Symmetra LX 8kVA Scalable to 16kVA N+1 Tower, 220/230/240V or 480/400/415V

SYA8K16I

### Overview

**Presentation** High performance, redundant power protection with scalable power and runtime for space-constrained server rooms, and voice and data networks.

**Lead time**

### 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 Installation guide User manual Web/SNMP management card

### General

<b>Product web sub-family</b>	4kVA power increments
<b>Number of power module free slots</b>	3
<b>Number of power module filled slots</b>	2
<b>Redundant</b>	Yes

### Physical

<b>Colour</b>	Black Silver
<b>Height</b>	93.7 cm
<b>Width</b>	48.3 cm

Depth	72.6 cm
Net weight	219.55 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 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

## Batteries & Runtime

Number of battery filled slots	2
Number of battery free slots	2
Battery recharge time	3 h
Additional information	Configurable for 220 : 230 or 240 nominal output voltage
Battery charger power	574 W rated
Battery power in VAH	1728 VAh runtime
Battery life	3...5 year(s)
Battery option	SYBT5 1 2592 VAh SYBT5 2 3456 VAh SYAXR9B9I 1 9504 VAh SYAXR9B9I 2 17280 VAh SYAXR9B9I 3 25056 VAh SYAXR9B9I 4 32832 VAh SYAXR9B9I 5 40608 VAh SYAXR9B9I 6 48384 VAh
Extended runtime	1

## 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	118.1 cm
Package 1 Width	99.7 cm
Package 1 Length	59.9 cm
Package 1 Weight	236.82 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

---

Warranty 2 years repair or replace

Recommended replacement(s)