

# Product data sheet

Specifications



## APC Symmetra LX 8kVA Scalable to 8kVA N+1 Tower, 208/240V

SYA8K8P

### Overview

Lead time Usually in Stock

### Main

Main Input Voltage	208 V
Other Input Voltage	240 V
Main Output Voltage	120 V 208 V
Other Output Voltage	240 V
Kw Rating	6400 W
Rated power in VA	8000 VA
Output connector type	Hard Wire 4-wire (2PH+N+G) 1
Battery type	Lead-Acid battery
Provided equipment	CD with software Documentation CD Installation guide User Manual Web/SNMP Management Card

### Batteries & Runtime

Included Battery Modules	2
Battery Slots Empty	0
Typical recharge time	3 h
Additional information	Configurable for 208 or 240 nominal output voltage
Battery Charge Power (Watts)	574 W rated
Battery power in VAh	1728 VAh runtime
Battery Life	3...5 year(s)
Replacement battery	<a href="#">SYA8K16PX798</a>
	<a href="#">SYBT5</a>
Battery option	SYAXR9B9 1 9504 VAh SYAXR9B9 2 17280 VAh SYAXR9B9 3 25056 VAh SYAXR9B9 4 32832 VAh SYAXR9B9 5 40608 VAh SYAXR9B9 6 48384 VAh SYAXR9B9 7 56160 VAh

Extendable Run Time	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	2
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Redundant	Yes
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## Physical

Color	Black Silver
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Height	26.42 in (67.1 cm)
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Width	19.02 in (48.3 cm)
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Depth	28.58 in (72.6 cm)
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Net Weight	444.94 lb(US) (201.82 kg)
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Mounting Location	Front
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Mounting preference	No preference
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Mounting Mode	Not rack-mountable
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Two post mountable	0
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USB compatible	No
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## Input

Input Frequency	45...65 Hz auto-sensing
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Number of input connectors	1 Hard Wire 4-wire (2PH+N+G)
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Efficiency at full load	96...138 V line to neutral
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Input Total 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

Max Configurable Power (Watts)	6400 W
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Harmonic distortion	Less than 5 % at full load
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Output Frequency (sync to mains)	47...63 Hz sync to mains 60 Hz +/- 0.1 % for 60 Hz nominal not synced 50 Hz +/- 0.1 % for 50 Hz nominal not synced
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Crest factor	Up to 5 : 1
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Topology	Double Conversion Online
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Waveform Type	Sine wave
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Bypass type	Internal Bypass (Automatic and Manual) Optional External Bypass
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Maximum output current	37 A
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Maximum configurable power in VA	8000 VA
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## Conformance

Product Certifications	CSA
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Standards	FCC Part 15 class A
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## Environmental

Ambient air temperature for operation	32...104 °F (0...40 °C)
Relative Humidity	0...95 %
Operating altitude	0...10000 ft
Ambient Air Temperature for Storage	5...113 °F (-15...45 °C)
Storage Relative Humidity	0...95 %
Storage altitude	0...15000 ft (0.00...4572.00 m)
Acoustic level	62 dBA
Heat dissipation	3485 Btu/h

## Communications & Management

Free slots	1
Pre-Installed SmartSlot™ Cards	Network management card 2 with environmental monitoring
Control panel	Multi-function LCD status and control console
Alarm	Audible and visible alarms : prioritized by severity
Emergency Power Off (EPO)	Yes

## Ordering and shipping details

GTIN	731304221760
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## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	35.98 in (91.4 cm)
Package 1 Width	39.25 in (99.7 cm)
Package 1 Length	23.58 in (59.9 cm)
Package 1 Weight	506.09 lb(US) (229.56 kg)

## Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
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>
Optimized Energy Efficiency	Energy efficient product
Take-back	Take-back program available

## Contractual warranty

Warranty	2 years repair or replace
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**Recommended replacement(s)**