

# Product data sheet

Specifications



## APC Symmetra LX 8kVA Scalable to 16kVA N+1, Tower 208/240V

SYA8K16P

### 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
Rated Power In W	6400 W
Rated Power In Va	8000 VA
Output Connector Type	Hard wire 4-wire (2P + N + E) 1
Battery Type	Lead-acid battery
Provided Equipment	CD with software Installation guide User manual Web/SNMP management card

### Batteries & Runtime

Run Time	<a href="#">View Runtime Graph</a>
Efficiency	<a href="#">View Efficiency Graph</a>
Number Of Battery Filled Slots	2
Number Of Battery Free Slots	2
Battery Recharge Time	3 h
Additional Information	Configurable for 120/208 or 120/240 output voltage
Battery Charger Power	574 W rated
Battery Life	3...5 year(s)
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	36.89 in (93.7 cm)
Width	19.02 in (48.3 cm)
Depth	28.58 in (72.6 cm)
Net Weight	484.03 lb(US) (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 4-wire (2P + N + E)
Input Voltage Limits	96...138 V line to neutral
Input Harmonic Distortion	Less than 7 % for full load
Input Power Factor At Full Load	0.98

## Output

Maximum Configurable Power In W	12800 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	37 A
Maximum Configurable Power In Va	16000 VA

## Conformance

Product Certifications	CSA
Standards	FCC part 15 class A UL 1778

## 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)

<b>Storage Relative Humidity</b>	0...95 %
<b>Storage Altitude</b>	0...15000 ft (0.00...4572.00 m)
<b>Acoustic Level</b>	62 dBA
<b>Heat Dissipation</b>	4995 Btu/h

## Communications & Management

<b>Free Slots</b>	1
<b>Preinstalled Device</b>	Network management card 2 with environmental monitoring
<b>Control Panel</b>	Multifunction LCD status and control console
<b>Alarm</b>	Audible and visible alarms : prioritized by severity
<b>Emergency Power Off</b>	Yes

## Packing Units

<b>Unit Type Of Package 1</b>	PCE
<b>Number Of Units In Package 1</b>	1
<b>Package 1 Height</b>	46.50 in (118.1 cm)
<b>Package 1 Width</b>	39.25 in (99.7 cm)
<b>Package 1 Length</b>	23.58 in (59.9 cm)
<b>Package 1 Weight</b>	522.10 lb(US) (236.82 kg)

## Contractual warranty

<b>Warranty</b>	2 years repair or replace
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## Sustainability

**Green Premium™** label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

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Energy Efficient Take-back RoHS/REACH

## Resource performance

Energy Efficient Product

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Take-Back Program Available

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## Well-being performance

Rohs Exemption Information [Yes](#)

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## Certifications & Standards

**Reach Regulation** [REACH Declaration](#)

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**Eu Rohs Directive** Compliant with Exemptions

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**China Rohs Regulation** [China RoHS declaration](#)  
Product out of China RoHS scope. Substance declaration for your information

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