

# 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
Product or Component Type	Uninterruptible power supply (UPS)
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 Installation guide User Manual Web/SNMP Management Card
Range of Product	Symmetra LX

### Batteries & Runtime

Run Time	<a href="#">View Runtime Graph</a>
Efficiency	<a href="#">View Efficiency Graph</a>
Included Battery Modules	2
Battery Slots Empty	2
Typical recharge time	3 h
Additional information	Configurable for 120/208 or 120/240 output voltage
Battery Charge Power (Watts)	574 W rated
Battery life	3...5 year(s)
Extendable Run Time	1

### General

product web sub-family	4kVA power increments
Number of power module free slots	3

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Number of power module filled slots	2
Redundant	Yes

## Physical

color	Black Silver
Height	36.9 in (93.7 cm)
Width	19.02 in (48.3 cm)
Depth	28.6 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

Input Frequency	45...65 Hz auto-sensing
Number of input connectors	1 Hard Wire 4-wire (2PH+N+G)
Efficiency at full load	96...138 V line to neutral
Input Total Harmonic Distortion	Less than 7% for full load
Input Power Factor at Full Load	0.98

## Output

Max Configurable Power (Watts)	12800 W
Harmonic distortion	Less than 5 % at full load
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
Crest factor	Up to 5 : 1
Topology	Double Conversion Online
Waveform 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 %

<b>Operating altitude</b>	0...10000 ft
<b>Ambient Air Temperature for Storage</b>	5...113 °F (-15...45 °C)
<b>Storage Relative Humidity</b>	0...95 %
<b>Storage altitude</b>	0...15000 ft (0.0000000000...4572.0000000000 m)
<b>Acoustic level</b>	62 dBA
<b>Online Thermal Dissipation</b>	4995 Btu/h

## Communications & Management

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

## Ordering and shipping details

<b>GTIN</b>	731304221777
<b>Country of origin</b>	PH

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	46.5 in (118.1 cm)
<b>Package 1 Width</b>	39.3 in (99.7 cm)
<b>Package 1 Length</b>	23.6 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.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Energy Efficient Take-back RoHS/REACH

## Resource performance

Energy Efficient Product

Take-Back Program Available

## Well-being performance

Rohs Exemption Information Yes

## Certifications & Standards

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

**Eu Rohs Directive** Compliant with Exemptions

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

**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 [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)