

# Product data sheet

Specifications



## APC Symmetra LX 8kVA scalable to 16kVA N+1 Ext. Run Tower, 200V

SYA8K16JXR

### Overview

Lead Time	Usually in Stock
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### Main

Main Input Voltage	200 V
Main Output Voltage	100 V 200 V
Rated Power In W	5600 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>
Number Of Battery Filled Slots	2
Number Of Battery Free Slots	5
Battery Recharge Time	3 h
Number Of Battery Replacement Quantity	7
Battery Charger Power	540 W rated
Battery Power In Vah	1624 VAh runtime
Battery Life	4...6 year(s)
Battery Option	SYBT5FR 1 2436 VAh SYBT5FR 2 3248 VAh SYBT5FR 3 4060 VAh SYBT5FR 4 4872 VAh SYBT5FR 5 5684 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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Redundant	Yes
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## Physical

Colour	Black Silver
Height	116.1 cm
Width	48.3 cm
Depth	73.9 cm
Net Weight	233 kg
Mounting Location	Front
Mounting Preference	No preference
Mounting Mode	Not rack-mountable
Two Post Mountable	0
Usb Compatible	No

## Input

Network Frequency	50/60 Hz +/- 5 Hz auto-sensing
Number Of Input Connectors	1 hard wire 4-wire (2P + N + E)
Input Voltage Limits	166...276 V line to line
Switching Current Capacity	100 A
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...53 Hz for 50 Hz nominal sync to mains 60 Hz +/- 0.1 % for 60 Hz nominal unsynchronised 57...63 Hz for 60 Hz nominal sync to mains 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)
Efficiency	90 % (full load)
Maximum Output Current	36 A
Maximum Configurable Power In Va	16000 VA

## Conformance

Product Certifications	VCCI
Standards	UL 1778

## Environmental

Ambient Air Temperature For Operation	0...40 °C
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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	4995 Btu/h

## Communications & Management

Free Slots	1
Preinstalled Device	Network management card 2 with environmental monitoring
Emergency Power Off	Yes

## Packing Units

Package 1 Height	140.3 cm
Package 1 Width	60 cm
Package 1 Length	99.7 cm
Package 1 Weight	236.82 kg
Number Of Units In Package 3	1

## Contractual warranty

Warranty	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- 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 >](#)



Energy Efficient   Take-back

## Resource performance

✓ Energy Efficient Product

✓ Take-Back Program Available

## Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information   [Yes](#)

Reach Regulation   [REACH Declaration](#)

Eu Rohs Directive   Compliant  
[EU RoHS Declaration](#)