

Product data sheet

Specifications



APC Symmetra LX 12kVA
scalable to 16kVA N+1 Tower,
220/230/240V or 380/400/415V for
China

SYA12K16ICH

Overview

Lead Time	Usually in Stock
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Main

Main Input Voltage	230 V 400 V 3 phases
Other Input Voltage	220 V 240 V 380 V 415 V
Main Output Voltage	230 V
Other Output Voltage	220 V 240 V
Rated Power In W	8400 W
Rated Power In Va	12000 VA
Output Connector Type	Hard wire 3-wire (H N + E) 1
Battery Type	Lead-acid battery
Provided Equipment	CD with software Documentation CD Installation guide User manual Web/SNMP management card

Batteries & Runtime

Run Time	View Runtime Graph
Efficiency	View Efficiency Graph
Number Of Battery Filled Slots	3
Number Of Battery Free Slots	1
Battery Recharge Time	3 h
Additional Information	Configurable for 220 : 230 or 240 nominal output voltage
Battery Charger Power	861 W rated
Battery Power In Vah	2592 VAh runtime
Battery Life	3...5 year(s)

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

Battery Option	SYBT5 1 3456 VAh
	SYAXR9B9I 1 10368 VAh
	SYAXR9B9I 2 18144 VAh
	SYAXR9B9I 3 25920 VAh
	SYAXR9B9I 4 33696 VAh
	SYAXR9B9I 5 41472 VAh
	SYAXR9B9I 6 49248 VAh
	SYAXR9B9I 7 57024 VAh
Extended Runtime	1

General

Product Web Sub-Family	4kVA power increments
Number Of Power Module Free Slots	2
Number Of Power Module Filled Slots	3
Redundant	Yes

Physical

Colour	Black
	Silver
Height	93.7 cm
Width	48.3 cm
Depth	72.6 cm
Net Weight	263.64 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	55 A
Maximum Configurable Power In Va	16000 VA

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

Communications & Management

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

Packing Units

Package 1 Height	118.1 cm
Package 1 Width	59.9 cm
Package 1 Length	99.7 cm
Package 1 Weight	287.27 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 RoHS/REACH

Resource performance

✓ Energy Efficient Product

✓ Take-Back Program Available

Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information [Yes](#)

Certifications & Standards

Reach Regulation [REACH Declaration](#)

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