

Product data sheet

Specifications



APC Symmetra LX 16kVA scalable to 16kVA N+1 Rack-mount, 200V

SYA16K16RMJ

Overview

Lead Time	Usually in Stock
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Main

Main Input Voltage	100 V 200 V
Main Output Voltage	100 V 200 V
Rated Power In W	11200 W
Rated Power In Va	16000 VA
Output Connection Type	8 NEMA L5-20R 4 NEMA L14-30R
Output Connector Type	Hard wire 4-wire (2P + N + E) 1
Number Of Rack Unit	19U
Battery Type	Lead-acid battery
Provided Equipment	CD with software Documentation CD Installation guide Rack mounting support rails User manual Web/SNMP management card

Batteries & Runtime

Run Time	View Runtime Graph
Number Of Battery Filled Slots	4
Number Of Battery Free Slots	0
Battery Recharge Time	3 h
Battery Charger Power	1079 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	1
Number Of Power Module Filled Slots	4
Redundant	Yes

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

Physical

Colour	Black Silver
Height	83.7 cm
Width	48.3 cm
Depth	73.9 cm
Net Weight	272 kg
Mounting Location	Front
Mounting Preference	Lower
Mounting Mode	Rack-mounted
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	166...276 V line to line
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) Optional external bypass
Efficiency	90 % (full load)
Maximum Output Current	75 A
Maximum Configurable Power In Va	16000 VA

Conformance

Product Certifications	VCCI
Standards	UL 1778

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	4995 Btu/h

Communications & Management

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

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	105.4 cm
Package 1 Width	99.7 cm
Package 1 Length	59.9 cm
Package 1 Weight	340.45 kg

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-CO₂ 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

✓ Mercury Free

✓ Rohs Exemption Information [Yes](#)

Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Compliant with Exemptions