

Product data sheet

Specifications



APC Symmetra LX 12kVA Scalable to 16kVA N+1 Ext. Run Tower, 208/240V

SYA12K16PXR

Overview

Lead Time	Usually in Stock
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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	9600 W
Rated Power In Va	12000 VA
Output Connector Type	Hard wire 4-wire (2P + 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	9
Number Of Battery Free Slots	4
Battery Recharge Time	7.5 h
Additional Information	Configurable for 120/208 or 120/240 output voltage
Battery Charger Power	1035 W rated
Battery Power In Vah	7776 VAh runtime
Battery Life	3...5 year(s)
Battery Option	SYBT5 2 9504 VAh SYBT5 4 11232 VAh SYAXR9B9 1 15552 VAh SYAXR9B9 2 23328 VAh SYAXR9B9 3 31104 VAh SYAXR9B9 4 38880 VAh SYAXR9B9 5 46656 VAh SYAXR9B9 6 54432 VAh
Extended Runtime	1

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

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	151.6 cm
Width	48.3 cm
Depth	72.6 cm
Net Weight	488.64 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 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) Optional external bypass
Maximum Output Current	56 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	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
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	188 cm
Package 1 Width	59.9 cm
Package 1 Length	99.7 cm
Package 1 Weight	520.46 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](#)

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