Product data sheet

Specifications

APC Symmetra LX 12kVA scalable to 16kVA N+1 Ext. Run Tower, 200V

SYA12K16JXR

Overview

Lead Time	Usually in Stock

Main

Main Input Voltage	100 V 200 V
Main Output Voltage	100 V 200 V
Rated Power In W	8400 W
Rated Power In Va	12000 VA
Output Connector Type	Hard wire 4-wire (2P + N + E) 1 Anderson 1
Battery Type	Lead-acid battery
Provided Equipment	CD with software Installation guide User manual Web/SNMP management card

Batteries & Runtime

Run Time	View Runtime Graph ⤢
Number Of Battery Filled Slots	3
Number Of Battery Free Slots	4
Battery Recharge Time	3 h
Battery Charger Power	809 W rated
Battery Life	4…6 year(s)
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
Redundant	Yes

Physical

Colour	Black Silver

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Height	116.1 cm
Width	48.3 cm
Depth	73.9 cm
Net Weight	277 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	80...138 V line to neutral 166...276 V line to neutral
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	55 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

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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	140.3 cm
Package 1 Width	99.7 cm
Package 1 Length	60 cm
Package 1 Weight	236.82 kg

Contractual warranty

Warranty	2 years repair or replace

Sustainability

Green Premium^{TM} 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_2 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