Product data sheet

Specifications

Green Premium™

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

SYA12K16PXR

Overview

Lead time	Usually in Stock

Main

Main Input Voltage	208 V
Product or Component Type	Uninterruptible power supply (UPS)
Other Input Voltage	240 V
Main Output Voltage	120 V 208 V
Other Output Voltage	240 V
Kw Rating	9600 W
Rated power in VA	12000 VA
Output connector type	Hard Wire 4-wire (2PH+N+G) 1
Battery Type	Lead-Acid battery
Provided equipment	CD with software Documentation CD Installation guide User Manual Web/SNMP Management Card
Range of Product	Symmetra LX

Batteries & Runtime

Run Time	View Runtime Graph
Efficiency	View Efficiency Graph
Included Battery Modules	9
Battery Slots Empty	4
Typical recharge time	7.5 h
Additional information	Configurable for 120/208 or 120/240 output voltage
Battery Charge Power (Watts)	1035 W rated
Battery life	3…5 year(s)
Extendable Run Time	1

General

product web sub-family	4kVA power increments
Number of power module free slots	2

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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Number of power module filled slots	3
Redundant	Yes

Physical

color	Black Silver
Height	59.7 in (151.6 cm)
Width	19.02 in (48.3 cm)
Depth	28.6 in (72.6 cm)
Net Weight	1077.27 lb(US) (488.64 kg)
Mounting Location	Front
Mounting preference	No preference
Mounting Mode	Not rack-mountable
Two post mountable	0
USB compatible	No

Input

Input Frequency	45...65 Hz auto-sensing
Number of input connectors	1 Hard Wire 4-wire (2PH+N+G)
Efficiency at full load	96...138 V line to neutral
Input Total Harmonic Distortion	Less than 7% for full load
Input Power Factor at Full Load	0.98

Output

Max Configurable Power (Watts)	12800 W
Harmonic distortion	Less than 5 % at full load
Output Frequency (sync to mains)	47...63 Hz sync to mains 60 Hz +/- 0.1 % for 60 Hz nominal not synced 50 Hz +/- 0.1 % for 50 Hz nominal not synced
Crest factor	Up to 5 : 1
Topology	Double Conversion Online
Waveform 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	32…104 °F (0…40 °C)

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Relative Humidity	0…95 %
Operating altitude	0...10000 ft
Ambient Air Temperature for Storage	5…113 °F (-15…45 °C)
Storage Relative Humidity	0…95 %
Storage altitude	0…15000 ft (0.0000000000…4572.0000000000 m)
Acoustic level	62 dBA
Online Thermal Dissipation	4995 Btu/h

Communications & Management

Free slots	1
Pre-Installed SmartSlot™ Cards	Network management card 2 with environmental monitoring
Control panel	Multi-function LCD status and control console
Alarm	Audible and visible alarms : prioritized by severity
Emergency Power Off (EPO)	Yes

Ordering and shipping details

GTIN	731304739869
Country of origin	PH

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	74.02 in (188 cm)
Package 1 Width	39.3 in (99.7 cm)
Package 1 Length	23.6 in (59.9 cm)
Package 1 Weight	1147.42 lb(US) (520.46 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

✓ Rohs Exemption Information   Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information.
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

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