Product data sheet

Specifications

APC Symmetra LX 8kVA Scalable to 16kVA N+1 Ext. Run Tower, 208/240V

SYA8K16PXR

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
Rated power in W	6400 W
Rated power in VA	8000 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 life	3…5 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

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Redundant	Yes

Physical

Colour	Black Silver
Height	151.6 cm
Width	48.3 cm
Depth	72.6 cm
net weight	473.64 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	37 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	0.0000000000…4572.0000000000 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

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	188 cm
Package 1 Width	99.7 cm
Package 1 Length	59.9 cm
Package 1 Weight	505.46 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.

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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