Product data sheet

Specifications

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

SYA16K16PXR

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	12800 W
Rated power in VA	16000 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	1
Number of power module filled slots	4

Redundant	Yes

Physical

Colour	Black Silver
Height	151.6 cm
Width	48.3 cm
Depth	72.6 cm
net weight	503.64 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	75 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	535.46 kg

Contractual warranty

Warranty	2 years repair or replace

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-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

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