Product data sheet

Specifications



To be discontinued

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

SYA16K16P

Discontinued on: Apr 30, 2025

To be end-of-service on: Mar 30, 2035

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	12800 W
Rated power in VA	16000 VA
Output connector type	Hard Wire 4-wire (2PH+N+G) 1
Battery Type	Lead-Acid battery
Provided equipment	CD with software 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	4
Battery Slots Empty	0
Typical recharge time	3 h
Additional information	Configurable for 120/208 or 120/240 output voltage
Battery Charge Power (Watts)	1148 W rated
Battery life	3…5 year(s)
Extendable Run Time	1

General

product web sub-family	4kVA power increments

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

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

Number of power module free slots	1
Number of power module filled slots	4
Redundant	Yes

Physical

color	Black Silver
Height	36.89 in (93.7 cm)
Width	19.02 in (48.3 cm)
Depth	28.58 in (72.6 cm)
Product Weight	678.45 lb(US) (307.74 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	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)
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	32…104 °F (0…40 °C)

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	731304221531

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	46.50 in (118.1 cm)
Package 1 Width	39.25 in (99.7 cm)
Package 1 Length	23.58 in (59.9 cm)
Package 1 Weight	744.59 lb(US) (337.74 kg)

Contractual warranty

Warranty	2 years repair or replace

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Environmental footprint

Carbon footprint (kg CO2 eq, Total Life cycle)	**59876**

Use Better

Materials and Substances

Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**No**
EU RoHS Directive	**Compliant with Exemptions**
REACh Regulation	**REACh 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**

Energy efficiency

Optimized Energy Efficiency	**Energy efficient product**

Use Again

Repack and remanufacture

Removable battery	**User replaceable**
Take-back	**Yes**

Image of product / Alternate images

Alternative










No Active Alarms
System Date/Time:
Dec-12 2002 13:14
ESC
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