

Product data sheet

Specifications



APC Symmetra LX 12kVA scalable to 16kVA N+1 Tower

SYA12K16P

⚠ Discontinued on: Dec 31, 2024

⚠ To be end-of-service on: Dec 31, 2034

⚠ To be discontinued

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 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	3
Battery Slots Empty	1
Typical recharge time	3 h
Additional information	Configurable for 120/208 or 120/240 output voltage
Battery Charge Power (Watts)	861 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	2
Number of power module filled slots	3
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)
Net Weight	581.23 lb(US) (263.64 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
Wave type	Sine wave
Bypass type	Internal Bypass (Automatic and Manual)
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)
---------------------------------------	-------------------------

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	731304221524
------	--------------

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	633.32 lb(US) (287.27 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)	45340

Use Better	
Materials and Substances	
[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