

# Product data sheet

Specifications



## APC Symmetra LX 16kVA Scalable to 16kVA N+1 Rack-mount, 208/240V

SYA16K16RMP

⚠ To be discontinued

⚠ Discontinued on: Dec 31, 2024

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

### 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 connection type	8 NEMA L5-20R 4 NEMA L14-30R
Output connector type	Hard Wire 4-wire (2PH+N+G) 1
Number of rack unit	19U
Battery Type	Lead-Acid battery
Provided equipment	CD with software Documentation CD Installation guide Rack Mounting support rails Temperature Probe User Manual Web/SNMP Management Card
Range of Product	Symmetra LX

### Batteries & Runtime

Run Time	<a href="#">View Runtime Graph</a>
Efficiency	<a href="#">View Efficiency Graph</a>
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)

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

Extendable Run Time	1
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## 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

color	Black Silver
Height	32.91 in (83.6 cm)
Width	18.58 in (47.2 cm)
Depth	27.09 in (68.8 cm)
Net Weight	632.33 lb(US) (286.82 kg)
Mounting Location	Front
Mounting preference	Lower
Mounting Mode	Rack-mounted
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) Optional External Bypass
Maximum output current	75 A
Maximum configurable power in VA	16000 VA

## Conformance

Product Certifications	CSA
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<b>Standards</b>	FCC Part 15 class A OSHDP UL 1778
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## Environmental

<b>Ambient air temperature for operation</b>	32...104 °F (0...40 °C)
<b>Relative Humidity</b>	0...95 %
<b>Operating altitude</b>	0...10000 ft
<b>Ambient Air Temperature for Storage</b>	5...113 °F (-15...45 °C)
<b>Storage Relative Humidity</b>	0...95 %
<b>Storage altitude</b>	0...15000 ft (0.0000000000...4572.0000000000 m)
<b>Acoustic level</b>	62 dBA
<b>Online Thermal Dissipation</b>	4995 Btu/h

## Communications & Management

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

## Ordering and shipping details

<b>GTIN</b>	731304733041
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## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	41.50 in (105.4 cm)
<b>Package 1 Width</b>	39.25 in (99.7 cm)
<b>Package 1 Length</b>	23.58 in (59.9 cm)
<b>Package 1 Weight</b>	750.56 lb(US) (340.45 kg)

## Contractual warranty

<b>Warranty</b>	2 years repair or replace
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## 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)	59914
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## Use Better

### Materials and Substances

<a href="#">EU RoHS Directive</a>	Compliant with Exemptions
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REACH Regulation	<a href="#">REACH Declaration</a>
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California proposition 65	<b>WARNING:</b> 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
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### Energy efficiency

Optimized Energy Efficiency	Energy efficient product
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## Use Again

### Repack and remanufacture

Removable battery	User replaceable
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Take-back	Yes
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