

Product data sheet

Specifications



APC Symmetra LX 4kVA scalable to 8kVA N+1 Rack-mount, 208/240V

SYA4K8RMP

⚠ Discontinued on: Dec 31, 2024

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

⚠ To be discontinued

Overview

Lead time	Usually in Stock
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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	3200 W
Rated power in VA	4000 VA
output connection type	4 NEMA L5-20R 2 NEMA L14-30R
Output connector type	Hard Wire 4-wire (2PH+N+G) 1
Number of rack unit	13U
Battery Type	Lead-Acid battery
Provided equipment	CD with software Documentation CD Installation guide User Manual Web/SNMP Management Card
Range of Product	Symmetra LX

Batteries & Runtime

Run Time	View Runtime Graph
Included Battery Modules	1
Battery Slots Empty	1
Typical recharge time	3 h
Additional information	Configurable for 120/208 or 120/240 output voltage
Battery Charge Power (Watts)	287 W rated
Battery life	3...5 year(s)
Extendable Run Time	1

General

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

product web sub-family	4kVA power increments
Number of power module free slots	2
Number of power module filled slots	1
Redundant	Yes

Physical

color	Black Silver
Height	22.52 in (57.2 cm)
Width	18.58 in (47.2 cm)
Depth	27.09 in (68.8 cm)
Net Weight	295.62 lb(US) (134.09 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)	6400 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
Efficiency at full load	90 % full load)
Maximum output current	18 A
Maximum configurable power in VA	8000 VA

Conformance

Product Certifications	CSA
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Standards	FCC Part 15 class A OSHDP UL 1778
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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	3707 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	731304619338
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Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	30.98 in (78.7 cm)
Package 1 Width	39.25 in (99.7 cm)
Package 1 Length	23.58 in (59.9 cm)
Package 1 Weight	366.76 lb(US) (166.36 kg)

Contractual warranty

Warranty	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)	15945

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
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Use Again

Repack and remanufacture	
Removable battery	User replaceable
Take-back	Yes