

Product data sheet

Specifications



APC Symmetra LX 12kVA Scalable to 16kVA N+1 Rack-mount, 208/240V

SYA12K16RMP

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
Rated power in W	9600 W
Rated power in VA	12000 VA
output connection type	8 NEMA L5-20R 4 NEMA L14-30R
Output connector type	Hard wire 4-wire (2P + N + E) 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	View Runtime Graph
Efficiency	View Efficiency Graph
Number of battery filled slots	3
Number of battery free slots	1
Battery recharge time	3 h
Additional information	Configurable for 120/208 or 120/240 output voltage
Battery charger power	861 W rated
Battery life	3...5 year(s)
Extended runtime	1

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

General

product web sub-family	4kVA power increments
Number of power module free slots	2
Number of power module filled slots	3
Redundant	Yes

Physical

Colour	Black Silver
Height	83.6 cm
Width	47.2 cm
Depth	68.8 cm
Product weight	242.73 kg
Mounting location	Front
Mounting preference	Lower
Mounting mode	Rack-mounted
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	56 A
Maximum configurable power in VA	16000 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	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	105.4 cm
Package 1 Width	99.7 cm
Package 1 Length	59.9 cm
Package 1 Weight	290 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.eq.CO2 per CR, Total Life cycle)	45379

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
China RoHS Regulation	China RoHS 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