

Product data sheet

Specifications



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

SYA12K16RMP

Overview

Lead time Usually in Stock

Main

Main Input Voltage	208 V
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 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

Batteries & Runtime

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 power in VAh	2592 VAh runtime
Battery Life	3...5 year(s)
Replacement battery	SYA8K16PX798
	SYBT5
Battery option	SYBT5 1 3456 VAh SYARMXR3B3 1 5184 VAh

SYARMXR3B3 2 7776 VAh
 SYARMXR9B9 1 10368 VAh
 SYARMXR9B9 2 18144 VAh
 SYARMXR9B9 3 25920 VAh
 SYARMXR9B9 4 33696 VAh
 SYARMXR9B9 5 41472 VAh

Extendable Run Time	1
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General

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

Color	Black Silver
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Height	32.91 in (83.6 cm)
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Width	18.58 in (47.2 cm)
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Depth	27.09 in (68.8 cm)
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Net Weight	535.13 lb(US) (242.73 kg)
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Mounting Location	Front
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Mounting preference	Lower
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Mounting Mode	Rack-mounted
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Two post mountable	0
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USB compatible	No
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Input

Input Frequency	45...65 Hz auto-sensing
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Number of input connectors	1 Hard Wire 4-wire (2PH+N+G)
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Efficiency at full load	96...138 V line to neutral
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Input Total Harmonic Distortion	Less than 7% for full load
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Input Power Factor at Full Load	0.98
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Output

Max Configurable Power (Watts)	12800 W
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Harmonic distortion	Less than 5 % at full load
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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
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Crest factor	Up to 5 : 1
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Topology	Double Conversion Online
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Waveform Type	Sine wave
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Bypass type	Internal Bypass (Automatic and Manual) Optional External Bypass
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Maximum output current	56 A
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Maximum configurable power in VA	16000 VA
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Conformance

Product Certifications	CSA
Standards	FCC Part 15 class A OSHPD 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 (0.00...4572.00 m)
Acoustic level	62 dBA
Heat 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	731304733034
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Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	41.50 in (105.4 cm)
Package 1 Width	39.25 in (99.7 cm)
Package 1 Length	23.58 in (59.9 cm)
Package 1 Weight	639.34 lb(US) (290 kg)

Offer Sustainability

Sustainable offer status	Green Premium product
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
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
Optimized Energy Efficiency	Energy efficient product

Take-back Take-back program available

Contractual warranty

Warranty 2 years repair or replace

Recommended replacement(s)