

Product data sheet

Specifications



APC Symmetra LX 16kVA Scalable to 16kVA N+1 Ext. Run Tower, 208/240V

SYA16K16PXR

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	12800 W
Rated power in VA	16000 VA
Output connector type	Hard Wire 4-wire (2PH+N+G) 1
Battery type	Lead-Acid battery
Provided equipment	CD with software Documentation CD Installation guide User Manual Web/SNMP Management Card

Batteries & Runtime

Included Battery Modules	9
Battery Slots Empty	4
Typical recharge time	7.5 h
Additional information	Configurable for 120/208 or 120/240 output voltage
Battery Charge Power (Watts)	1035 W rated
Battery power in VAh	7776 VAh runtime
Battery Life	3...5 year(s)
Replacement battery	SYA8K16PX798
	SYBT5
Battery option	SYBT5 2 9504 VAh SYBT5 4 11232 VAh SYAXR9B9 1 15552 VAh SYAXR9B9 2 23328 VAh SYAXR9B9 3 31104 VAh SYAXR9B9 4 38880 VAh SYAXR9B9 5 46656 VAh SYAXR9B9 6 54432 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	1
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Number of power module filled slots	4
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Redundant	Yes
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Physical

Color	Black Silver
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Height	59.69 in (151.6 cm)
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Width	19.02 in (48.3 cm)
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Depth	28.58 in (72.6 cm)
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Net Weight	1110.34 lb(US) (503.64 kg)
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Mounting Location	Front
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Mounting preference	No preference
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Mounting Mode	Not rack-mountable
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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	75 A
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Maximum configurable power in VA	16000 VA
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Conformance

Product Certifications	CSA
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Standards	FCC Part 15 class A
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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 (0.00...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	731304739920
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Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	74.02 in (188 cm)
Package 1 Width	39.25 in (99.7 cm)
Package 1 Length	23.58 in (59.9 cm)
Package 1 Weight	1180.49 lb(US) (535.46 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
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Recommended replacement(s)