

Product data sheet

Specifications



APC Symmetra LX 8kVA Scalable to 16kVA N+1 Tower, 220/230/240V or 480/400/415V

SYA8K16I

Overview

Presentation	High performance, redundant power protection with scalable power and runtime for space-constrained server rooms, and voice and data networks.
Lead time	Usually in Stock

Main

Main Input Voltage	230 V 400 V 3 phase
Other Input Voltage	220 V 240 V 380 V 415 V
Main Output Voltage	230 V
Other Output Voltage	220 V 240 V
Kw Rating	5600 W
Rated power in VA	8000 VA
Output connector type	Hard Wire 3-wire (H N + E) 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	2
Battery Slots Empty	2
Typical recharge time	3 h
Additional information	Configurable for 220 : 230 or 240 nominal output voltage
Battery Charge Power (Watts)	574 W rated
Battery power in VAh	1728 VAh runtime
Battery Life	3...5 year(s)
Replacement battery	SYA8K16PX798
	SYBT5
Battery option	SYBT5 1 2592 VAh SYBT5 2 3456 VAh

SYAXR9B9I 1 9504 VAh
 SYAXR9B9I 2 17280 VAh
 SYAXR9B9I 3 25056 VAh
 SYAXR9B9I 4 32832 VAh
 SYAXR9B9I 5 40608 VAh
 SYAXR9B9I 6 48384 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	3
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Number of power module filled slots	2
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Redundant	Yes
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Physical

Color	Black Silver
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Height	36.89 in (93.7 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	484.03 lb(US) (219.55 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 3-wire (1PH+N+G) 1 Hard Wire 5-wire (3PH + N + G)
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Efficiency at full load	155...276 V 290...480 V 3:1
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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)	11200 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)
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Maximum output current	36 A
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Maximum configurable power in VA	16000 VA
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Conformance

Product Certifications	C-tick CE GOST VDE
Standards	EN 50091-1 EN 50091-2 EN 55022 Class A EN 55024 EN 60950 IEC 60950

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	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	731304221555
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Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	46.50 in (118.1 cm)
Package 1 Width	39.25 in (99.7 cm)
Package 1 Length	23.58 in (59.9 cm)
Package 1 Weight	522.10 lb(US) (236.82 kg)

Offer Sustainability

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

WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
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)