

Product data sheet

Specifications



APC Symmetra LX 8kVA Scalable to 8kVA N+1 Rack-mount, 220/230/240V or 380/400/415V

SYA8K8RMI

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 connection type	8 IEC 60320 C13 6 IEC 60320 C19
Output connector type	Hard Wire 3-wire (H N + E) 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

Batteries & Runtime

Included Battery Modules	2
Battery Slots Empty	0
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

Battery option	SYARMXR3B3I 1 4320 VAh SYARMXR3B3I 2 6912 VAh SYARMXR9B9I 1 9504 VAh SYARMXR9B9I 2 17280 VAh SYARMXR9B9I 3 25056 VAh SYARMXR9B9I 4 32832 VAh SYARMXR9B9I 5 40608 VAh SYARMXR9B9I 6 48384 VAh
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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	2
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Redundant	Yes
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Physical

Color	Black Silver
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Height	22.52 in (57.2 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	392.82 lb(US) (178.18 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 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)	5600 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) 90 % full load)
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Maximum output current	36 A
Maximum configurable power in VA	8000 VA

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	2762 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	3606485318691
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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	23.58 in (59.9 cm)
Package 1 Length	39.25 in (99.7 cm)
Package 1 Weight	478.01 lb(US) (216.82 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)