

Product data sheet

Specifications



APC Symmetra LX 4kVA scalable to 8kVA N+1 Tower, 208/240V

SYA4K8P

Overview

Lead time	Usually in Stock
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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	3200 W
Rated power in VA	4000 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	1
Battery Slots Empty	1
Typical recharge time	3 h
Additional information	Configurable for 208 or 240 nominal output voltage
Battery Charge Power (Watts)	287 W rated
Battery power in VAh	864 VAh runtime
Battery Life	3...5 year(s)
Replacement battery	SYA8K16PX798 ↗ SYBT5 ↗
Battery option	SYBT5 1 1728 VAh SYAXR9B9 1 8640 VAh SYAXR9B9 2 16416 VAh SYAXR9B9 3 24192 VAh SYAXR9B9 4 31968 VAh SYAXR9B9 5 39744 VAh SYAXR9B9 6 47520 VAh SYAXR9B9 7 55296 VAh

Extendable Run Time	1
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General

Product web sub-family	4kVA power increments
Number of power module free slots	2
Number of power module filled slots	1
Redundant	Yes

Physical

Color	Black Silver
Height	26.42 in (67.1 cm)
Width	19.02 in (48.3 cm)
Depth	28.58 in (72.6 cm)
Net Weight	347.74 lb(US) (157.73 kg)
Mounting Location	Front
Mounting preference	No preference
Mounting Mode	Not rack-mountable
Two post mountable	0
USB compatible	No

Input

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

Output

Max Configurable Power (Watts)	6400 W
Harmonic distortion	Less than 5 % at full load
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
Crest factor	Up to 5 : 1
Topology	Double Conversion Online
Waveform Type	Sine wave
Bypass type	Internal Bypass (Automatic and Manual) Optional External Bypass
Maximum output current	18 A
Maximum configurable power in VA	8000 VA

Conformance

Product Certifications	CSA
Standards	FCC Part 15 class A

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	3485 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	731304222408
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Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	35.98 in (91.4 cm)
Package 1 Width	39.25 in (99.7 cm)
Package 1 Length	23.58 in (59.9 cm)
Package 1 Weight	394.83 lb(US) (179.09 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)