

SYA8K16I

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



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
Rated power in W	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

General

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

Physical

Color	Black Silver
Height	36.89 in (93.7 cm)
Width	19.02 in (48.3 cm)
Depth	28.58 in (72.6 cm)
Net Weight	484.03 lb(US) (219.55 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 3-wire (1PH+N+G) 1 Hard Wire 5-wire (3PH + N + G)
Efficiency at full load	155...276 V 290...480 V 3:1
Input Total Harmonic Distortion	Less than 7% for full load
Input Power Factor at Full Load	0.98

Output

Max Configurable Power (Watts)	11200 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)
Maximum output current	36 A
Maximum configurable power in VA	16000 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	3707 Btu/h

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)

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

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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