Product data sheet

Specifications

Green Premium™

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

SYA8K8I

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
Product or Component Type	Uninterruptible power supply (UPS)
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
Range of Product	Symmetra LX

Batteries & Runtime

Run Time	View Runtime Graph
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 life	3…5 year(s)
Extendable Run Time	1

General

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

Physical

color	Black Silver
Height	26.4 in (67.1 cm)
Width	19.02 in (48.3 cm)
Depth	28.6 in (72.6 cm)
Net Weight	444.94 lb(US) (201.82 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 1:1 290...480 V 3:1
Input Total Harmonic Distortion	Less than 7% for full load

Output

Max Configurable Power (Watts)	5600 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)
Efficiency at full load	90 % full load)
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	32.0000000000…104.0000000000 °F (0…40 °C)
Relative Humidity	0…95 %
Operating altitude	0...10000 ft
Ambient Air Temperature for Storage	5.0000000000…113.0000000000 °F (-15…45 °C)
Storage Relative Humidity	0…95 %
Storage altitude	0…15000 ft (0.0000000000…4572.0000000000 m)
Acoustic level	62 dBA
Online Thermal 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	3606485318707
Country of origin	PH

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	36.0 in (91.4 cm)
Package 1 Width	23.6 in (59.9 cm)
Package 1 Length	39.3 in (99.7 cm)
Package 1 Weight	506.09 lb(US) (229.56 kg)

Contractual warranty

Warranty	2 years repair or replace

Sustainability ![Green Premium]

Green Premium^{TM} label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium 〉

Guide to assess a product's sustainability 〉

Energy Efficient   Take-back   RoHS/REACh

Resource performance

✓ Energy Efficient Product

✓ Take-Back Program Available

Well-being performance

✓ Rohs Exemption Information   Yes

Certifications & Standards

Reach Regulation   REACh Declaration

Eu Rohs Directive   Compliant with Exemptions

China Rohs Regulation   China RoHS declaration

                                  Product out of China RoHS scope. Substance declaration for your information.

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

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