Product data sheet

Specifications

APC Symmetra LX 12kVA Scalable to 16kVA N+1 Ext. Run Tower, 220/230/240V or 380/400/415V for China

SYA12K16IXRCH

Overview

Lead time	Usually in Stock

Main

Main Input Voltage	230 V 400 V 3 phases
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
Rated power in W	8400 W
Rated power in VA	12000 VA
Output connector type	Hard wire 3-wire (H N + E) 1
Battery type	Lead-acid battery
Provided equipment	CD with software Documentation CD User manual Web/SNMP management card

Batteries & Runtime

Run Time	View Runtime Graph
Efficiency	View Efficiency Graph
Number of battery filled slots	9
Number of battery free slots	4
Battery recharge time	7.5 h
Additional information	Configurable for 220 : 230 or 240 nominal output voltage
Battery charger power	1035 W rated
Battery life	3…5 year(s)
Extended runtime	1

General

product web sub-family	4kVA power increments

Number of power module free slots	2
Number of power module filled slots	3
Redundant	Yes

Physical

Colour	Black Silver
Height	151.6 cm
Width	48.3 cm
Depth	72.6 cm
net weight	488.64 kg
mounting location	Front
Mounting preference	No preference
mounting mode	Not rack-mountable
Two post mountable	0
USB compatible	No

Input

Network frequency	45...65 Hz auto-sensing
Number of input connectors	1 hard wire 3-wire (1P + N + E) 1 hard wire 5-wire (3P + N + E)
Input voltage limits	155...276 V 1:1 290...480 V 3:1
Input harmonic distortion	Less than 7 % for full load
Input Power Factor at Full Load	0.98

Output

Maximum configurable power in W	11200 W
Harmonic distortion	Less than 5 % at full load
Output frequency	47...63 Hz sync to mains 60 Hz +/- 0.1 % for 60 Hz nominal unsynchronised 50 Hz +/- 0.1 % for 50 Hz nominal unsynchronised
Crest factor	Up to 5 : 1
UPS type	Double conversion online
Wave type	Sine wave
Bypass type	Internal bypass (automatic and manual)
Maximum output current	55 A
Maximum configurable power in VA	16000 VA

Environmental

Ambient air temperature for operation	0…40 °C
Relative humidity	0…95 %
Operating altitude	0...10000 ft

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Ambient air temperature for storage	-15…45 °C
Storage Relative Humidity	0…95 %
Storage altitude	0.0000000000…4572.0000000000 m
Acoustic level	62 dBA
heat dissipation	3707 Btu/h

Communications & Management

Free slots	1
Preinstalled device	Network management card 2 with environmental monitoring - Schneider
control panel	Multifunction LCD status and control console
Alarm	Audible and visible alarms : prioritized by severity
Emergency power off	Yes

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	188 cm
Package 1 Width	99.7 cm
Package 1 Length	59.9 cm
Package 1 Weight	520.46 kg

Contractual warranty

Warranty	2 years repair or replace

Sustainability

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

Resource performance

✅ Energy Efficient Product

✅ Take-Back Program Available

Well-being performance

✅ Mercury Free

✅ Rohs Exemption Information   Yes

Eu Rohs Directive   Compliant with Exemptions