

Product datasheet

Specifications



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

SYA12K16IXR

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 phases
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

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 power in VAh	7776 VAh runtime
Battery life	3...5 year(s)
Replacement battery	SYBT5
Battery option	SYBT5 2 9504 VAh SYBT5 4 11232 VAh SYAXR9B9I 1 15552 VAh SYAXR9B9I 2 23328 VAh SYAXR9B9I 3 31104 VAh

SYAXR9B9I 4 38880 VAh
SYAXR9B9I 5 46656 VAh
SYAXR9B9I 6 54432 VAh

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

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	0...40 °C
Relative humidity	0...95 %
Operating altitude	0...10000 ft
Ambient air temperature for storage	-15...45 °C
Storage Relative Humidity	0...95 %
Storage altitude	0.00...4572.00 m
Acoustic level	62 dBA
Heat dissipation	3707 Btu/h

Communications & Management

Free slots	1
Preinstalled device	Network management card 2 with environmental monitoring
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

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

Recommended replacement(s)