Product data sheet

Specifications

APC SYMMETRA LX 16kVA N+1 Rack-mount Frame, 220/230/240V OR 380/400/415V

SYAF16KRMI

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
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	11200 W
Rated Power In Va	16000 VA
Output Connection Type	8 IEC 60320 C13 10 IEC 60320 C19
Output Connector Type	Hard wire 3-wire (H N + E) 1
Number Of Rack Unit	19U
Battery Type	Lead-acid battery
Provided Equipment	CD with software Documentation CD Installation guide User manual Web/SNMP management card

Batteries & Runtime

Number Of Battery Filled Slots	0
Number Of Battery Free Slots	4
Additional Information	Configurable for 220 : 230 or 240 nominal output voltage
Battery Life	3…5 year(s)
Extended Runtime	1

General

Number Of Power Module Free Slots	5

Number Of Power Module Filled Slots	0
Redundant	Yes

Physical

Colour	Black Silver
Height	83.8 cm
Width	47.2 cm
Depth	68.8 cm
Net Weight	95.45 kg
Mounting Location	Front
Mounting Preference	Lower
Mounting Mode	Rack-mounted
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 290...480 V 3:1
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)
Efficiency	90 % (full load)
Maximum Output Current	73 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	5…95 %
Operating Altitude	0...10000 ft
Ambient Air Temperature For Storage	-15…45 °C
Storage Relative Humidity	5…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 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	105.4 cm
Package 1 Width	99.7 cm
Package 1 Length	59.9 cm
Package 1 Weight	120.45 kg

Contractual warranty

Warranty	2 years repair or replace

Sustainability

Green Premium™ 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　Transparency　RoHS/REACh

Resource performance

✅ Energy Efficient Product

✅ Take-Back Program Available

Well-being performance

✅ Lead Free

✅ 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

Environmental Disclosure　　Product Environmental Profile

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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