Product data sheet

Specifications

APC Symmetra LX 8kVA Scalable to 16kVA N+1 Rack-mount, 220/230/240V or 380/400/415V for China

SYA8K16RMICH

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	5600 W
Rated power in VA	8000 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

Run Time	View Runtime Graph
Number of battery filled slots	2
Number of battery free slots	2
Battery recharge time	3 h
Additional information	Configurable for 220 : 230 or 240 nominal output voltage
Battery charger power	574 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	3
Number of power module filled slots	2
Redundant	Yes

Physical

Colour	Black Silver
Height	83.8 cm
Width	47.2 cm
Depth	68.8 cm
net weight	198.64 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 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)
Efficiency	90 % (full load)
Maximum output current	36 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
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	105.4 cm
Package 1 Width	99.7 cm
Package 1 Length	59.9 cm
Package 1 Weight	239.55 kg

Contractual warranty

Warranty	2 years repair or replace

Sustainability

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

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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

Mercury Free

Rohs Exemption Information	Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions