

Product datasheet

Specifications



APC Symmetra LX 16kVA Scalable to 16kVA N+1 Tower, 220/230/240V or 380/400/415V

SYA16K16I

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 | 11200 W |
| Rated power in VA | 16000 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 |

Batteries & Runtime

| | |
|---------------------------------------|--|
| Number of battery filled slots | 4 |
| Number of battery free slots | 0 |
| Battery recharge time | 3 h |
| Additional information | Configurable for 220 : 230 or 240 nominal output voltage |
| Battery charger power | 1148 W rated |
| Battery power in VAh | 3456 VAh runtime |
| Battery life | 3...5 year(s) |
| Replacement battery | SYBT5 |
| Battery option | SYAXR9B9I 1 11232 VAh SYAXR9B9I 2 19008 VAh SYAXR9B9I 3 26784 VAh SYAXR9B9I 4 34560 VAh |

SYAXR9B9I 5 42336 VAh
SYAXR9B9I 6 50112 VAh
SYAXR9B9I 7 57888 VAh

Extended runtime 1

General

Product web sub-family 4kVA power increments

Number of power module free slots 1

Number of power module filled slots 4

Redundant Yes

Physical

Colour Black
Silver

Height 93.7 cm

Width 48.3 cm

Depth 72.6 cm

Net weight 307.73 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
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 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 | 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 | 118.1 cm |
| Package 1 Width | 59.9 cm |
| Package 1 Length | 99.7 cm |
| Package 1 Weight | 337.73 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)