

Product data sheet

Specifications



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

SYAF16KRMICH

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 | 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 |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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 |

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 | 0.0000000000...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 | 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-CO₂ 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 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