

Product datasheet

Specifications



APC Symmetra LX 12kVA Scalable to 16kVA N+1 Rack-mount, 220/230/240V or 380/400/415V

SYA12K16RMI

Overview

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| Presentation | High performance, redundant power protection with scalable power and runtime for space-constrained server rooms, and voice and data networks. |
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| Lead time | Usually in Stock |
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Main

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| 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 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

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| Number of battery filled slots | 3 |
| Number of battery free slots | 1 |
| Battery recharge time | 3 h |
| Additional information | Configurable for 220 : 230 or 240 nominal output voltage |
| Battery charger power | 861 W rated |
| Battery power in VAh | 2592 VAh runtime |
| Battery life | 3...5 year(s) |
| Replacement battery | SYBT5 |

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| Battery option | SYBT5 1 3456 VAh SYARMXR3B3I 1 5184 VAh SYARMXR3B3I 2 7776 VAh SYARMXR9B9I 1 10368 VAh SYARMXR9B9I 2 18144 VAh SYARMXR9B9I 3 25920 VAh SYARMXR9B9I 4 33696 VAh SYARMXR9B9I 5 41472 VAh |
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| Extended runtime | 1 |
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General

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| Product web sub-family | 4kVA power increments |
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| Number of power module free slots | 2 |
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| Number of power module filled slots | 3 |
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| Redundant | Yes |
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Physical

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| Colour | Black Silver |
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| Height | 83.8 cm |
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| Width | 47.2 cm |
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| Depth | 68.8 cm |
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| Net weight | 242.74 kg |
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| Mounting location | Front |
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| Mounting preference | Lower |
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| Mounting mode | Rack-mounted |
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| Two post mountable | 0 |
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| USB compatible | No |
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Input

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| Network frequency | 45...65 Hz auto-sensing |
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| Number of input connectors | 1 hard wire 3-wire (1P + N + E) 1 hard wire 5-wire (3P + N + E) |
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| Input voltage limits | 155...276 V 290...480 V 3:1 |
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| Input harmonic distortion | Less than 7 % for full load |
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| Input Power Factor at Full Load | 0.98 |
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Output

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| Maximum configurable power in W | 11200 W |
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| Harmonic distortion | Less than 5 % at full load |
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| 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 |
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| Crest factor | Up to 5 : 1 |
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| UPS type | Double conversion online |
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| Wave type | Sine wave |
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| Bypass type | Internal bypass (automatic and manual) |
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| Efficiency | 90 % (full load) |
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| Maximum output current | 55 A |
| Maximum configurable power in VA | 16000 VA |

Conformance

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| 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

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| 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

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| 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

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|------------------------------|----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 105.4 cm |
| Package 1 Width | 59.9 cm |
| Package 1 Length | 99.7 cm |
| Package 1 Weight | 290 kg |

Offer Sustainability

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| Sustainable offer status | Green Premium product |
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |

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|------------------------------------|---|
| 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

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|-----------------|---------------------------|
| Warranty | 2 years repair or replace |
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Recommended replacement(s)