

# Product data sheet

Specifications



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

SYA8K8RMI

### 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** 220 V AC 1 phase  
400 V AC 3 phase  
230 V AC 1 phase  
240 V AC 1 phase  
380 V AC 3 phase  
415 V AC 3 phase

**Other Input Voltages** 220 V  
240 V  
380 V  
415 V

**Input Total Harmonic Distortion** Less than 7% for full load

**Cos phi** 0.98

**Efficiency at full load** 155...276 V  
290...480 V 3:1

**Number of input connectors** 1 Hard Wire 3-wire (1PH+N+G)  
1 Hard Wire 5-wire (3PH + N + G)

**Input Frequency** 45...65 Hz auto-sensing

**Output voltage** 220 V AC 1 phase  
230 V AC 1 phase  
240 V AC 1 phase

**Other Output Voltages** 220 V  
240 V

**Rated power in W** 5600 W

**rated power in VA** 8000 VA

**output connection type** 8 IEC 60320 C13  
6 IEC 60320 C19

**Output connector type** Hard Wire 3-wire (H N + E) for 1 zone(s)

**Bypass type** Internal Bypass (Automatic and Manual)

**Crest factor** Up to 5 : 1

**Harmonic distortion** Less than 5 % at full load

**Maximum configurable power in VA** 8000 VA

**Max Configurable Power (Watts)** 5600 W

**Maximum output current** 36 A

**Topology** On-Line

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

|   |  |
|---|--|
| <b>Waveform Type</b>                    | Sine wave  |
| <b>Efficiency at full load</b>          | 90 % full load)  |
| <b>Output Frequency (sync to mains)</b> | 47...63 Hz sync to mains<br>60 Hz +/- 0.1 % for 60 Hz nominal not synced<br>50 Hz +/- 0.1 % for 50 Hz nominal not synced |

## Complementary


|   |   |
|---|---|
| <b>Additional information</b>                       | Configurable for 220 : 230 or 240 nominal output voltage  |
| <b>Battery Size</b>                                 | Lead-acid internal included   |
| <b>Control panel</b>                                | Multi-function LCD status and control console   |
| <b>Emergency Power Off (EPO)</b>                    | Yes   |
| <b>Free slots</b>                                   | 1   |
| <b>Pre-Installed SmartSlot&amp;trade;<br/>Cards</b> | Network management card 2 with environmental monitoring   |
| <b>Alarm</b>  | Audible and visible alarms : prioritized by severity  |
| <b>UPS connectivity</b>                             | Serial port<br>Available expansion slot<br>Pre-installed network management card 3                    |
| <b>Number of rack unit</b>                          | 13U   |
| <b>color</b>  | Black<br>Silver   |
| <b>Height</b>                                       | 22.5 in (572 mm)  |
| <b>Width</b>  | 18.6 in (472 mm)  |
| <b>Depth</b>  | 27.09 in (688 mm)   |
| <b>Net Weight</b>                                   | 392.82 lb(US) (178.18 kg)   |
| <b>Mounting Location</b>                            | Front   |
| <b>Mounting preference</b>                          | Lower   |
| <b>Mounting Mode</b>                                | Rack-mounted  |
| <b>Two post mountable</b>                           | 0   |
| <b>USB compatible</b>                               | No  |
| <b>Mounting mode</b>                                | Rack-mounted with included kit  |
| <b>Provided equipment</b>                           | CD with software<br>Documentation CD<br>Installation guide<br>User Manual<br>Web/SNMP Management Card |
| <b>Number of power module filled slots</b>          | 2   |
| <b>Number of power module free slots</b>            | 1   |
| <b>Additional specification</b>                     | 4kVA power increments   |
| <b>Redundant</b>                                    | Yes   |
| <b>Range of Product</b>                             | Symmetra LX   |
| <b>Product or Component Type</b>                    | Uninterruptible power supply (UPS)  |
| <b>Performance multiplier</b>                       | 1   |
| <b>Value multiplier</b>                             | 1   |
| <b>Size UPS version</b>                             | Internetworking<br>Server<br>Telecom  |

|                          |            |
|--------------------------|------------|
| Curve equation           | Efficiency |
| Curve load maximum       | 100 %      |
| Curve X-axis maximum     | 100 %      |
| Curve X-axis minimum     | 0 %        |
| Curve X-axis title       | Load       |
| Curve X-axis units       | Percentage |
| Curve Y-axis maximum     | 100 %      |
| Curve Y-axis minimum     | 50 %       |
| Curve Y-axis title       | Efficiency |
| Curve Y-axis units       | Percentage |
| Graph display            | 1          |
| Show note OP temperature | No         |
| UPS size                 | L          |

## Environment

|                                       |   |
|---------------------------------------|---|
| Product Certifications                | C-tick<br>CE<br>GOST<br>VDE   |
| Standards                             | EN 50091-1<br>EN 50091-2<br>EN 55022 Class A<br>EN 55024<br>EN 60950<br>IEC 60950 |
| Ambient Air Temperature for Operation | 32...104 °F (0...40 °C)   |
| Ambient Air Temperature for Storage   | 5...113 °F (-15...45 °C)  |
| Storage altitude                      | 0...15000 ft (0...4572 m)   |
| Relative Humidity                     | 0...95 %  |
| Storage Relative Humidity             | 0...95 %  |
| Acoustic level                        | 62 dBA  |
| Heat dissipation                      | 2762 Btu/h  |
| Operating altitude                    | 0...10000 ft  |

## Batteries & Runtime

|                              |  |
|------------------------------|--|
| Run Time                     | <a href="#">View Runtime Graph</a>  |
| Battery Type                 | Lead-Acid battery  |
| Extendable Run Time          | 1  |
| Included Battery Modules     | 2  |
| Battery Slots Empty          | 0  |
| Typical recharge time        | 3 h  |
| Battery Life                 | 3...5 year(s)  |
| Battery Charge Power (Watts) | 574 W rated  |

## General

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|                      |       |
|----------------------|-------|
| Number of tare power | 200 W |
|----------------------|-------|

## Ordering and shipping details

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|      |               |
|------|---------------|
| GTIN | 3606485318691 |
|------|---------------|

## Packing Units

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|                        |     |
|------------------------|-----|
| Unit Type of Package 1 | PCE |
|------------------------|-----|

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|                       |   |
|-----------------------|---|
| Nbr. of units in pkg. | 1 |
|-----------------------|---|

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|                  |                   |
|------------------|-------------------|
| Package 1 Height | 31.0 in (78.7 cm) |
|------------------|-------------------|

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|                 |                   |
|-----------------|-------------------|
| Package 1 Width | 23.6 in (59.9 cm) |
|-----------------|-------------------|

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|                  |                   |
|------------------|-------------------|
| Package 1 Length | 39.3 in (99.7 cm) |
|------------------|-------------------|

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|                     |                            |
|---------------------|----------------------------|
| Package weight(Lbs) | 478.007 lb(US) (216.82 kg) |
|---------------------|----------------------------|

## Contractual warranty

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|                      |    |
|----------------------|----|
| Warranty (in months) | 24 |
|----------------------|----|



## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



### Environmental footprint

|  |                   |
|--|-------------------|
| Total lifecycle Carbon footprint                       | 35 972 kg CO2 eq. |
| Carbon footprint of the manufacturing phase [A1 to A3] | 2 903 kg CO2 eq.  |
| Carbon footprint of the distribution phase [A4]        | 28 kg CO2 eq.     |
| Carbon footprint of the installation phase [A5]        | 27 kg CO2 eq.     |
| Carbon footprint of the use phase [B2, B3, B4, B6]     | 32 941 kg CO2 eq. |
| Carbon footprint of the end-of-life phase [C1 to C4]   | 73 kg CO2 eq.     |

## Use Better



### Materials and Substances

|  |  |
|--|--|
| Packaging made with recycled cardboard | Yes  |
| Packaging without single use plastic   | No   |
| SCIP Number                            | 2d54512b-134b-4bf3-ab6e-849ecf1e3919   |
| EU RoHS Directive                      | <a href="#">Compliant By Exemption</a>   |
| REACH Regulation                       | <a href="#">Reference contains Substances of Very High Concern above the threshold</a> |

## Use Longer



### Lifetime extension

|        |    |
|--------|----|
| Repair | No |
|--------|----|

## Use Again



### Repack and remanufacture


|                   |  |
|-------------------|--|
| Removable battery | User replaceable   |
| Take-back         | Yes  |
| WEEE Label        |  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins. |

Image of product / Alternate images

Alternative

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