

# Product datasheet

Specifications



## Symmetra LX 8 kVA scalable to 8 kVA N+1 tower 220/230/240 or 380/400/415V

SYA8K8I

**Price: 185,329.65 ZAR**

### 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 phases  
230 V AC 1 phase  
240 V AC 1 phase  
380 V AC 3 phases  
415 V AC 3 phases

**Input voltage** 220 V  
240 V  
380 V  
415 V

**Input harmonic distortion** Less than 7 % for full load

**Input voltage limits** 155...276 V 1:1  
290...480 V 3:1

**Number of input connectors** 1 hard wire 3-wire (1P + N + E)  
1 hard wire 5-wire (3P + N + E)

**Network frequency** 45...65 Hz auto-sensing

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

**Output voltage** 220 V  
240 V

**Rated power in W** 5600 W

**rated power in VA** 8000 VA

**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

**Maximum configurable power in W** 5600 W

**Maximum output current** 36 A

**UPS type** Double conversion online

**Wave type** Sine wave

**Efficiency** 90 % (full load)

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

|                         |   |
|-------------------------|---|
| <b>Output frequency</b> | 47..63 Hz sync to mains<br>60 Hz +/- 0.1 % for 60 Hz nominal unsynchronised<br>50 Hz +/- 0.1 % for 50 Hz nominal unsynchronised |
|-------------------------|---|

## Complementary

|  |   |
|--|---|
| <b>Battery type</b>                        | Lead-acid battery   |
| <b>Additional information</b>              | Configurable for 220 : 230 or 240 nominal output voltage  |
| <b>Extended runtime</b>                    | 1   |
| <b>Number of battery filled slots</b>      | 2   |
| <b>Number of battery free slots</b>        | 0   |
| <b>Battery recharge time</b>               | 3 h   |
| <b>Battery life</b>                        | 3...5 year(s)   |
| <b>Battery charger power</b>               | 574 W rated   |
| <b>Battery type</b>                        | Lead-acid internal included   |
| <b>Control panel</b>                       | Multifunction LCD status and control console  |
| <b>Emergency power off</b>                 | Yes   |
| <b>Free slots</b>                          | 1   |
| <b>Preinstalled device</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>Colour</b>                              | Black<br>Silver   |
| <b>Height</b>                              | 671 mm  |
| <b>Width</b>                               | 483 mm  |
| <b>Depth</b>                               | 726 mm  |
| <b>Net weight</b>                          | 201.82 kg   |
| <b>Mounting location</b>                   | Front   |
| <b>Mounting preference</b>                 | No preference   |
| <b>Mounting mode</b>                       | Not rack-mountable  |
| <b>Two post mountable</b>                  | 0   |
| <b>USB compatible</b>                      | No  |
| <b>Mounting mode</b>                       | Tower   |
| <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)  |

|                          |  |
|--------------------------|--|
| Performance multiplier   | 1  |
| Number of tare power     | 200 W  |
| Value multiplier         | 1  |
| Size UPS version         | 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   |
| Battery curve            | C  |
| Liquid value             | 0  |
| Battery design life      | 2 year(s)  |
| UPS design life          | 10 year(s)   |
| Battery power in VAH     | 1728 VAh runtime   |
| Battery option           | SYAXR9B9I 1 9504 VAh<br>SYAXR9B9I 2 17280 VAh<br>SYAXR9B9I 3 25056 VAh<br>SYAXR9B9I 4 32832 VAh<br>SYAXR9B9I 5 40608 VAh<br>SYAXR9B9I 6 48384 VAh<br>SYAXR9B9I 7 56160 VAh |
| 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 | 0...40 °C   |
| Ambient air temperature for storage   | -15...45 °C   |
| Storage altitude                      | 0...4572 m  |
| Relative humidity                     | 0...95 %  |
| Storage Relative Humidity             | 0...95 %  |

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|                    |              |
|--------------------|--------------|
| Acoustic level     | 62 dBA       |
| Heat dissipation   | 2762 Btu/h   |
| Operating altitude | 0...10000 ft |

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## Packing Units

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|                              |           |
|------------------------------|-----------|
| Unit Type of Package 1       | PCE       |
| Number of Units in Package 1 | 1         |
| Package 1 Height             | 91.4 cm   |
| Package 1 Width              | 59.9 cm   |
| Package 1 Length             | 99.7 cm   |
| Package 1 Weight             | 229.56 kg |

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## Contractual warranty

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

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## 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 **36150**

## Use Better



### Materials and Substances

Packaging made with recycled cardboard **Yes**

Packaging without single use plastic **No**

[EU RoHS Directive](#) **Compliant with Exemptions**

SCIP Number **2d54512b-134b-4bf3-ab6e-849ecf1e3919**

REACH Regulation **[REACH Declaration](#)**

## Use Longer



### Lifetime extension

Repair **No**

## Use Again



### Repack and remanufacture

Removable battery **User replaceable**

Take-back **No**

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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