



**APC Symmetra LX 8kVA Scalable to 16kVA  
N 1 Tower, 220/230/240V or 480/400/415V  
Part Number: SYA8K16I**



## Output

|                                  |  |
|----------------------------------|--|
| Output Power Capacity            | 5600 Watts / 8000 VA                                     |
| Max Configurable Power           | 11.2 kW / 16 kVA   |
| Nominal Output Voltage           | 230V   |
| Output Voltage Note              | Configurable for 220 : 230 or 240 nominal output voltage |
| Efficiency at Full Load          | 90.00%   |
| Output Voltage Distortion        | Less than 5% at full load                                |
| Output Frequency (sync to mains) | 47 - 63 Hz   |
| Crest Factor                     | up to 5 : 1  |
| Waveform Type                    | Sine wave  |
| Output Connections               | (1) Hard Wire 3-wire (H N + G)                           |

## Input

|   |  |
|---|--|
| Bypass                                  | Internal Bypass (Automatic and Manual)                       |
| Nominal Input Voltage                   | 230V,400V 3PH  |
| Input Frequency                         | 45 - 65 Hz (auto sensing)                                    |
| Input Connections                       | Hard Wire 3 wire (1PH+N+G)<br>Hard Wire 5-wire (3PH + N + G) |
| Input voltage range for main operations | 155 - 276,290 - 480 (3:1)V                                   |

|                      |                     |
|----------------------|---------------------|
| Other Input Voltages | 220V,240V,380V,415V |
|----------------------|---------------------|

## Batteries & Runtime

|                                  |  |
|----------------------------------|--|
| Battery Type                     | Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof               |
| Included Battery Modules         | 2  |
| Available Battery Slots          | 2  |
| Typical recharge time            | 3 hour(s)  |
| Typical Backup Time at Half Load | 20.2 minutes (2800 Watts)  |
| Typical Backup Time at Full Load | 7.5 minutes (5600 Watts)   |
| Runtime Chart                    | <a href="#">Symmetra LX</a>  |
| Extended Run Options             | <a href="#">APC Symmetra LX 8kVA Scalable to 16kVA N+1 Tower, 220/230/240V or 480/400/415V</a> |

## Communications & Management

|   |  |
|---|--|
| Interface Port(s)                       | DB-9 RS-232,Smart-Slot                             |
| Available SmartSlot™ Interface Quantity | 1  |
| Pre-Installed SmartSlot™ Cards          | <a href="#">AP9619</a>                             |
| Control panel                           | Multi-function LCD status and control console      |
| Audible Alarm                           | Audible and visible alarms prioritized by severity |
| Emergency Power Off (EPO)               | Yes  |

## Physical

|                 |              |
|-----------------|--------------|
| Maximum Height  | 937.00 mm    |
| Maximum Width   | 483.00 mm    |
| Maximum depth   | 726.00 mm    |
| Net Weight      | 219.55 KG    |
| Shipping Weight | 236.82 KG    |
| Shipping Height | 1181.00 mm   |
| Shipping Width  | 599.00 mm    |
| Shipping Depth  | 997.00 mm    |
| Color           | Black,Silver |

Available from: [www.allteq.com.au](http://www.allteq.com.au)

|                  |      |
|------------------|------|
| Units per Pallet | 1.00 |
|------------------|------|

## Environmental

|   |                |
|---|----------------|
| Operating Environment                         | 0 - 40 °C      |
| Operating Relative Humidity                   | 0 - 95%        |
| Operating Elevation                           | 0-3000 meters  |
| Storage Temperature                           | -15 - 45 °C    |
| Storage Relative Humidity                     | 0 - 95%        |
| Storage Elevation                             | 0-4500 meters  |
| Audible noise at 1 meter from surface of unit | 62 dBA         |
| Online Thermal Dissipation                    | 3707.00 BTU/hr |

## Conformance

|                      |   |
|----------------------|---|
| Regulatory Approvals | C-tick,CE,EN 50091-1,EN 50091-2,EN 55022 Class A,EN 55024,EN 60950,GOST,IEC 60950,VDE |
| Standard Warranty    | 2 years repair or replace   |

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