



## **APC Symmetra LX 16kVA Scalable to 16kVA Tower, 208/240V Input, 208/240V and 120V Output**



APC Symmetra LX, 16000VA/12800W, Input 208V/Output 120V, 208V, Interface Port DB-9 RS-232, Smart-Slot, Extended runtime model  
**Includes:** CD with software, Installation Guide, User Manual, Web/SNMP Management Card

**Standard Lead Time:** Usually in Stock

### **Output**

**Output Power Capacity**

12800 Watts / 16000 VA

**Max Configurable Power**

12800 Watts / 16000 VA

**Nominal Output Voltage**

120V, 208V

**Output Voltage Note**

Configurable for 120/208 or 120/240 output voltage

**Efficiency at Full Load**

90%

**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 4-wire (2PH + N +G)

## **Input**

### **Bypass**

Internal Bypass (Automatic and Manual)

### **Nominal Input Voltage**

208V

### **Input Frequency**

45 - 65 Hz (auto sensing)

### **Input Connections**

Hard Wire 4-wire (2PH+N+G)

### **Input voltage range for main operations**

96 - 138 (Line to Neutral)V

### **Other Input Voltages**

240V

## **Batteries & Runtime**

### **Battery Type**

Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof

### **Included Battery Modules**

4

### **Typical recharge time**

3 hour(s)

### **Typical Backup Time**

**at Half Load**

17.1 minutes (6400 Watts)

### **Typical Backup Time**

**at Full Load**

6.0 minutes (12800 Watts)

## **Communications & Management**

### **Interface Port(s)**

DB-9 RS-232, Smart-Slot

### **Available SmartSlot™ Interface Quantity**

1

### **Pre-Installed SmartSlot™ Cards**

[AP9619](#)

**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**

36.90 inches (937 mm)

**Maximum Width**

19.00 inches (483 mm)

**Maximum depth**

28.60 inches (726 mm)

**Net Weight**

677.00 lbs. (307.73 kg)

**Shipping Weight**

743.00 lbs. (337.73 kg)

**Shipping Height**

46.50 inches (1181 mm)

**Shipping Width**

23.60 inches (599 mm)

**Shipping Depth**

39.25 inches (997 mm)

**Color**

Black,Silver

**Units per Pallet**

1.00

## **Environmental**

**Operating Environment**

32 - 104 °F (0 - 40 °C)

**Operating Relative Humidity**

0 - 95%

**Operating Elevation**

0-10000 feet (0-3000 meters)

**Storage Temperature**

5 - 113 °F (-15 - 45 °C)

**Storage Relative Humidity**

0 - 95%

**Storage Elevation**

0-15000 feet (0-4500 meters)

**Audible noise at 1 meter from surface of unit**

62 dBA

**Online Thermal Dissipation**  
4995.00 BTU/hr

## **Conformance**

**Regulatory Approvals**  
CSA,FCC Part 15 Class A,UL 1778  
**Standard Warranty**  
2 years repair or replace