Symmetra 208 V

4-16 kVA N + 1 Redundant Rack/Tower Convertible 13U-19U, 4-16 kVA N + 1 Redundant Extended Run Tower

Highly available, redundant, and scalable double-conversion on-line power protection

The first UPS with redundancy and scalability within a single chassis

Symmetra™ 208 V uses a modular, redundant architecture that can scale power and runtime as demand increases or when higher levels of availability are required.

- Configurable for N+1 internal redundancy
- Scalable power capacity
- Manageable external batteries
- Network manageable
- LCD display
- Modular design
- Automatic internal bypass
- Frequency and voltage regulation

APC™
by Schneider Electric

Features and benefits

Symmetra 208 V

Battery systems

Additional battery modules or external battery frames can be added to achieve desired levels of runtime. Symmetra LX battery modules and frames are hot-swappable so you never have to bring down your mission critical loads to service the unit.

SYBT5 Battery module for APC Symmetra LX

SYARMXR9B9, SYAXR9B9, and SYARMXR3B3. Symmetra LX Extended Run Battery Frames

Services

Services to extend the coverage beyond the original factory warranty or on-site to diagnose or repair your APC equipment.

WBEXTWAR1YR-SP-06
1 Year Extended Warranty

WBEXTWAR3YR-SP-06
3 Year Extended Warranty

WADVPLN1P-SY-06
1 Year Next Business Day 1P Advantage Plan for Symmetra

WUPGONSITEFW-SY-00
Next Business Day On-Site Service Upgrade to Factory Warranty

Service bypass

Service bypass panels featuring quick transfer time and wraparound service bypass.

SBP16KP 200/208/240V; 100A; MBB; Hard-wire input/output

SBP16KRMP4U Input: 208 V; Input Connections: Hard-wire 3-wire (2 PH + G), Hard-wire 4-wire (2PH+N+G); Output: 200 V, 208 V; Output Connections: NEMA L14-30R L6-30R output

SBP16KRMP4U-HW Input: 208 V; Input Connections: Hard-wire 3-wire (2PH + G), Hard-wire 4-wire (2PH+N+G); Output: 120 V, 200 V, 208 V; Output Connections: Hard-wire 3-wire (2PH + G), Hard-wire 4-wire (2PH + N +G), NEMA L14-30R, NEMA L5-20R

Power distribution

Field replaceable receptacle panels allow direct connection enabling fast installation of new IT equipment.

SYPD1 Power distribution panel; (1) L14-30, (2) L5-20

SYPD3 208/240V Backplate kit with (2) L6-20R and (1) L6-30R

SYPD7 208V/240V Backplate kit with (3) L6-20R

SYPD11 208/240V Backplate kit with (2) L6-30R

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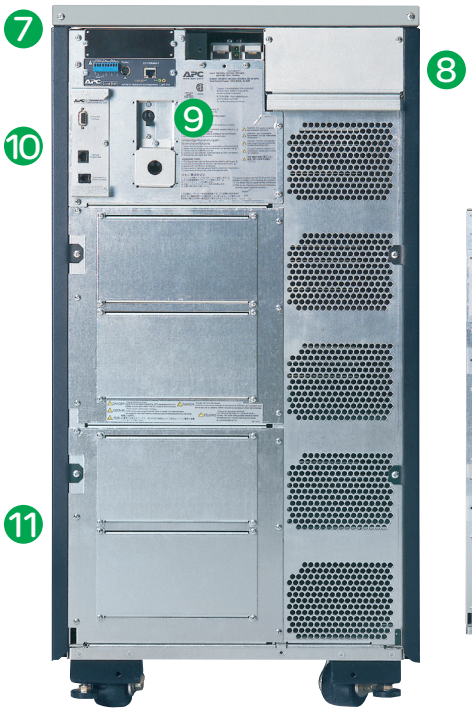

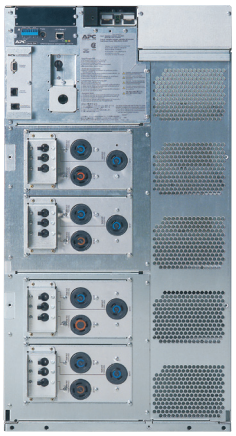

SYA12K16RMP

1. **Robust frame** - Provides “slots” for modules to connect to communication and DC back planes. No intelligence or active components for highest reliability
2. **Power module** - Provides flexibility to scale power, adds N+1 capability and is hot-swappable for easy, risk-free maintenance
3. **Battery module** - Scalable for more runtime, hot-swappable for easy, risk-free replacement, N+1 redundant
4. **Intelligence modules** - Redundant intelligence modules that are hot-swappable for easy risk-free maintenance
5. **Single detachable front panel** - Quick access to modules for easy maintenance
6. **LCD display** - Local user interface, easy to read and navigate through menus and functions
7. **UPS network management card with environmental monitoring** - Provides remote user interface, manage via web browser, SNMP, and Telnet. Includes graceful unattended shutdown
8. **Removable input/output wiring tray** - Allows easy hard-wiring at install and fast maintenance
9. **Extended run connector** - Allows hot-install of Symmetra LX Extended Run Frames for quick, easy response to changing runtime needs
10. **Extended run communication card** - Allows intelligence modules to monitor the health of external batteries
11. **Field-replaceable power distribution panels** - Enable quick in-field modification of output receptacles to fit changing needs. Tower models ship with no receptacles, rack-mount models ship with receptacles appropriate for different voltage needs

Runtime estimates

UPS VA	3,000 W	4,000 W	5,000 W	6,000 W	7,000 W	8,000 W	9,000 W	10,000 W	11,000 W	Full load	Half load
4,000 VA	:07									:06	:17
8,000 VA	:18	:13	:09	:07						:06	:17
12,000 VA	:30	:21	:16	:13	:10	:08	:07			:06	:17
16,000 VA	:42	:30	:23	:19	:15	:13	:11	:09	:08	:06	:17

For more runtime options visit www.apc.com

Technical specifications

LX 4-16kVA Rack/Tower Convertible	
Output	
Nominal output voltage	120 V, 208 V
Efficiency at full load	90%
Output frequency (sync to mains)	47 - 63 Hz
Waveform type	Sine wave
Output power capacity	3200-12,800 W
Output connections	Tower - (1) Hard-wire 4-wire (2PH + N + G) 16 kVA Rack Frame - (1) Hard-wire 4-wire (2PH + N + G), (4) NEMA L14-30R, (8) NEMA L5-20R 8 kVA Rack Frame - (1) Hard-wire 4-wire (2PH + N + G), (2) NEMA L14-30R, (4) NEMA L5-20R
Input	
Nominal input voltage	208 V
Input frequency	45 - 65 Hz (auto sensing)
Input connections	Hard-wire 4-wire (2PH + N + G)
Bypass	Internal bypass (automatic and manual), optional external bypass
Battery	
Battery type	Maintenance-free sealed lead-acid battery with suspended electrolyte: leakproof
Battery module	SYBT5
Runtime	*runtimes vary with load, visit www.apc.com for specifics
Communications and management	
Interface port(s)	DB-9 RS-232, SmartSlot
Pre-Installed SmartSlot™ cards	AP9631
Emergency power off (EPO)	Yes
Control panel	Multifunction LCD status and control console
Physical	
Maximum height	16 kVA frame - 32.90 inches (836 mm) 19U, 8 kVA frame - 22.50 inches (572 mm) 13U
Maximum width	18.60 inches (472 mm)
Maximum depth	27.10 inches (688 mm)
Maximum weight	16 kVA frame - 437.00 lbs. (198.64 kg), 8 kVA frame - 295.00 lbs. (134.09 kg)