

Symmetra® Single Phase UPS

- Configurable for N+1 internal redundancy
- Hot-swappable power modules and batteries
- Power modules and battery modules connected in parallel
- Standard 2 year warranty
- Automatic internal bypass
- Emergency power off



SYH4K6RMT-P1

Symmetra

Models:	Symmetra 2000RM	Symmetra 2000RM120/208	Symmetra 4000RM	Symmetra 4000RM120/208	Symmetra 6000RM	Symmetra 6000RM120/208
Configuration:	Rackmount	Rackmount	Rackmount	Rackmount	Rackmount	Rackmount
Output						
Output Power Capacity:	2000VA / 1400W	2000VA / 1400W	4000VA / 2800W	4000VA / 2800W	6000VA / 4200W	6000VA / 4200W
Max Configurable Power:	6000VA / 4200W	6000VA / 4200W	6000VA / 4200W	6000VA / 4200W	6000VA / 4200W	6000VA / 4200W
Nominal Output Voltage:	208V, 240V	120V, 208 / 240V	208V, 240V	120V, 208 / 240V	208V, 240V	120V, 208 / 240V
Waveform Type:	Sine wave	Sine wave	Sine wave	Sine wave	Sine wave	Sine wave
Output Connections:	(2) NEMA L6-20R, (1) NEMA L6-30R	(12) NEMA 5-20R, (2) NEMA L6-20R	(2) NEMA L6-20R, (1) NEMA L6-30R	(12) NEMA 5-20R, (2) NEMA L6-20R	(2) NEMA L6-20R, (1) NEMA L6-30R	(12) NEMA 5-20R, (2) NEMA L6-20R
Input						
Nominal Input Voltage:	208V	208V	208V	208V	208V	208V
Input Frequency (auto sensing):	50/60Hz ±3Hz	50/60Hz ±3Hz	50/60Hz ±3Hz	50/60Hz ±3Hz	50/60Hz ±3Hz	50/60Hz ±3Hz
Input Connections:	Hard Wire 3-wire, NEMA L6-30P					
Cord Length:	1.8m / 5.9ft	1.8m / 5.9ft	1.8m / 5.9ft	1.8m / 5.9ft	1.8m / 5.9ft	1.8m / 5.9ft
Bypass:	Internal Bypass (Auto and Manual)					
Batteries and Runtime						
Battery Type:	Maintenance-free sealed Lead-Acid, leakproof					
Typical Recharge Time (hrs):	4	4	4	4	4	3
Replacement Battery Cartridge:	SYBT2	SYBT2	SYBT2	SYBT2	SYBT2	SYBT2
RBC™ Quantity:	1 to 4	1 to 4	1 to 2	1 to 2	-	-
Runtime Full / Half Load (min):	12.6 / 29.8	12.3 / 28.4	12.7 / 30.2	12.5 / 29.5	12.7 / 30.3	12.6 / 29.8
Communication and Management						
Interface Port(s):	DB-9, RS-232, RJ-45 BaseT ethernet for webb/SNMP mgmt	UPS Network Management Card w/ Environmental Monitoring, DB-9, RS-232, RJ-45 Base-T ethernet for web/ SNMP management				
SmartSlot™ Interface Qty:	2	1	1	1	1	1
Control Panel:	LED status display with load and battery bar-graphs and On Line, On Battery, Replace Battery, and Overload Indicators					
Audible Alarm:	Alarm when on battery, low battery alarm					
Mechanical						
Dimensions (in/mm):	14 x 19 x 28.8 / 355.6 x 482.6 x 731.5	17.5 x 19 x 28.8 / 444.5 x 482.6 x 731.5	14 x 19 x 28.8 / 355.6 x 482.6 x 731.5	17.5 x 19 x 28.8 / 444.5 x 482.6 x 731.5	14 x 19 x 28.8 / 355.6 x 482.6 x 731.5	17.5 x 19 x 28.8 / 444.5 x 482.6 x 731.5
Rack Height:	8RU	10RU	8RU	10RU	8RU	10RU
Net Weight (lb/kg):	164 / 74.4	259 / 117.5	229 / 103.9	324 / 147	294 / 133.4	389 / 176.4
Environmental						
Temperature:	0 to 40°C / 32 to 104°F					
Humidity:	0 to 95%	0 to 95%	0 to 85%	0 to 95%	0 to 95%	0 to 95%
Elevation:	0 to 3000m / 0 to 10000ft					
Storage Temperature:	-15 to 45°C / 5 to 113°F					
Audible Noise at 1 Meter:	60dBA	60dBA	60dBA	60dBA	60dBA	60dBA
Online Thermal Dissipation:	430BTU/hr	843BTU/hr	1181BTU/hr	1686BTU/hr	1771BTU/hr	2529BTU/hr
Conformance						
Regulatory Approvals:	CSA, FCC Part 15 Class A, UL 1778					
Reference:	SYH2K6RMT	SHY2K6RMT-P1	SYH4K6RMT	SHY4K6RMT-P1	SYH6K6RMT	SHY6K6RMT-P1
Options: extended battery runtimes, interface cables, NetBotz® accessories and sensors, SmartSlot expansion chassis, UPS dry-contact management, UPS environmental monitoring card, UPS interface expanders, UPS network management cards, UPS out-of-band management, rack enclosures and accessories, NetShelter 2 post open frame racks, NetShelter 4 post open frame racks, NetShelter SX enclosures, NetShelter VX enclosures, rack fan tray, basic rack PDU, metered rack PDU, power cords, rack automatic transfer switch, switched rack PDU, replacement batteries, extended warranty, installation services, on site service, remote monitoring service, StruXure manager, powerchute business edition, and UPS remote power off interface						