Product data sheet Characteristics

SYA8K8RMP

APC Symmetra LX 8kVA Scalable to 8kVA N+1 Rack-mount, 208/240V







Overview

Lead time	Usually in Stock

General

<u>General</u>	
Provided equipment	CD with software Documentation CD Installation guide User manual Web/SNMP management card
Additional specification	4kVA power increments
Performance multiplier	1
Number of tare power	200 W
Number of power module free slots	1
Number of power module filled slots	2
Redundant	Yes
Size UPS version	Internetworking Server Telecom
UPS size	L
Value multiplier	1

Physical

Number of rack unit	13U	
Color	Black Silver	
Depth	27.09 In (68.8 cm)	
Height	22.52 ln (57.2 cm)	
Mounting Location	Front	
Mounting preference	Lower	
Product Weight	392.82 Lb(US) (178.18 kg)	
Mounting Mode	Rack-mounted	
Two post mountable	0	

USB compatible	No
Width	18.58 ln (47.2 cm)

Input

Input Frequency	4565 Hz auto-sensing
Number of input connectors	1 Hard Wire 4-wire (2PH+N+G)
Efficiency at full load	96138 V line to neutral
Other Input Voltages	240 V
Input Total Harmonic Distortion	Less than 7% for full load
Nominal Input Voltage	208 V
Cos phi	0.98

Output

Output	
Kw Rating	6400 W
Max Configurable Power (Watts)	6400 W
Harmonic distortion	Less than 5 % at full load
Output frequency	4763 Hz sync to mains 60 Hz +/- 0.1 % for 60 Hz nominal unsynchronised
Other Output Voltages	240 V
Crest factor	Up to 5 : 1
Topology	Double Conversion Online
Waveform Type	Sine wave
Output connector type	Hard Wire 4-wire (2PH+N+G) 1
Nb of power socket outlets	4 NEMA L5-20R 2 NEMA L14-30R
Bypass type	Internal Bypass (Automatic and Manual) Optional External Bypass
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
Efficiency at full load	90 % full load)
Graph display	1
Maximum output current	37 A
Output voltage	120 V 208 V
Maximum configurable power in VA	8000 VA
Rated power in VA	8000 VA

Conformance

Product Certifications	CSA
Standards	FCC Part 15 class A OSHPD UL 1778



Environmental

Ambient Air Temperature for Operation	32104 °F (040 °C)
Relative Humidity	095 %
Operating altitude	010000 ft
Ambient Air Temperature for Storage	5113 °F (-1545 °C)
Storage Relative Humidity	095 %
Storage altitude	015000 Ft (0.004572.00 m)
Acoustic level	62 dBA
Heat dissipation	3707 Btu/H
Show note OP temperature	No

Batteries & Runtime

Battery Type	Lead-Acid battery
Included Battery Modules	2
Battery Slots Empty	0
Typical recharge time	3 H
Additional information	Configurable for 120/208 or 120/240 output voltage
Liquid Electrolyte Value	0
Battery curve	С
Battery Charge Power (Watts)	574 W rated
Battery power in VAH	1728 VAh runtime
Battery life	35 Year(S)
Battery option	SYARMXR3B3 1 4320 VAh SYARMXR3B3 2 6912 VAh SYARMXR9B9 1 9504 VAh SYARMXR9B9 2 17280 VAh SYARMXR9B9 3 25056 VAh SYARMXR9B9 4 32832 VAh SYARMXR9B9 5 40608 VAh SYARMXR9B9 6 48384 VAh
Extendable Run Time	1

Communications & Management

Free slots	1
Pre-Installed SmartSlot™ Cards	Network management card 2 with environmental monitoring
Control panel	Multi-function LCD status and control console
Audible Alarm	Audible and visible alarms prioritized by severity
Emergency Power Off (EPO)	Yes

Ordering and shipping details

Package weight(Lbs)	478.01 Lb(US) (216.82 kg)	
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Packing Units

Package 1 Height	30.98 ln (78.7 cm)
Package 1 width	23.58 ln (59.9 cm)
Package 1 Length	39.25 ln (99.7 cm)
Number of Units in Package 3	1



Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
REACh Regulation	☐ REACh Declaration
EU RoHS Directive	Compliant EPEU RoHS Declaration
Mercury free	Yes
RoHS exemption information	₫Yes
Optimized Energy Efficiency	Energy efficient product
Take-back	Take-back program available

Contractual warranty

1.0	
Warranty	2 years repair or replace
vvarianty	2 years repair or replace

Product Life Status: Commercialised

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Schneider Electric:

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