

SYA8K16IX798

APC Symmetra LX 8kVA Scalable to 16kVA
N+1 Tower, 220-240V or 480-415V, web card
shipped separately



Overview

Lead time	Usually in Stock
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General

Provided equipment	CD with software Documentation CD Installation guide User Manual Web/SNMP Management Card
Product web sub-family	4kVA power increments
Performance multiplier	1
Number of tare power	200 W
Number of power module free slots	3
Number of power module filled slots	2
Redundant	Yes
Size UPS version	Internetworking Server Telecom
UPS size	WS
Value multiplier	1

Physical

Color	Black Silver
Depth	28.58 in (72.6 cm)
Height	36.89 in (93.7 cm)
Mounting Location	Front
Mounting preference	No preference
Product Weight	484.03 lb(US) (219.55 kg)
Mounting Mode	Not rack-mountable
Two post mountable	0
USB compatible	No
Width	19.02 in (48.3 cm)

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Input

Input Frequency	45...65 Hz auto-sensing
Number of input connectors	1 Hard Wire 3-wire (1PH+N+G) 1 Hard Wire 5-wire (3PH + N + G)
Efficiency at full load	155...276 V 290...480 V 3:1
Other Input Voltages	220 V 240 V 380 V 415 V
Input Total Harmonic Distortion	Less than 7% for full load
Nominal Input Voltage	230 V 3 phase
Cos phi	0.98

Output

Kw Rating	5600 W
Max Configurable Power (Watts)	11200 W
Harmonic distortion	Less than 5 % at full load
Output Frequency (sync to mains)	47...63 Hz sync to mains 60 Hz +/- 0.1 % for 60 Hz nominal not synced 50 Hz +/- 0.1 % for 50 Hz nominal not synced
Other Output Voltages	220 V 240 V
Crest factor	Up to 5 : 1
Topology	Double Conversion Online
Waveform Type	Sine wave
Output connector type	Hard Wire 3-wire (H N + E) 1
Bypass type	Internal Bypass (Automatic and Manual)
Curve equation	Efficiency
Curve fixed loss	0.0464
Curve load maximum	100 %
Curve load minimum	5 %
Curve proportional loss	0.0238
Curve square loss	0.02
Curve X-axis maximum	100 %
Curve test cond ID	Curve fit to measured efficiency data. All measurements taken in normal operating mode, at typical environmental conditions, with nominal electrical input and balanced resistive load (PF = 1.0) output.
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
Graph display	1
Maximum output current	36 A
Output voltage	230 V
Maximum configurable power in VA	16000 VA
Rated power in VA	8000 VA

Conformance

Product Certifications	C-tick CE GOST VDE
Standards	EN 50091-1 EN 50091-2 EN 55022 Class A EN 55024 EN 60950 IEC 60950

Environmental

Ambient Air Temperature for Operation	32...104 °F (0...40 °C)
Relative Humidity	0...95 %
Operating altitude	0...10000 ft
Ambient Air Temperature for Storage	5...113 °F (-15...45 °C)
Storage Relative Humidity	0...95 %
Storage altitude	0...15000 ft (0.00...4572.00 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	2
Typical recharge time	3 h
Additional information	Configurable for 220 : 230 or 240 nominal output voltage
Liquid Electrolyte Value	0
Battery curve	C
Battery Charge Power (Watts)	574 W rated
Battery power in VAh	1728 VAh runtime
Battery life	3...5 year(s)
Battery option	SYBT5 1 2592 VAh SYBT5 2 3456 VAh SYAXR9B9I 1 9504 VAh SYAXR9B9I 2 17280 VAh SYAXR9B9I 3 25056 VAh SYAXR9B9I 4 32832 VAh SYAXR9B9I 5 40608 VAh SYAXR9B9I 6 48384 VAh
Extendable Run Time	1

Communications & Management

Free slots	2
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

GTIN	00731304333869
Package weight(Lbs)	522.10 lb(US) (236.82 kg)

Packing Units

Package 1 Height	46.50 in (118.1 cm)
Package 1 width	23.58 in (59.9 cm)
Package 1 Length	39.25 in (99.7 cm)
Number of Units in Package 3	1

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
EU RoHS Directive	Compliant  EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	 Yes
Optimized Energy Efficiency	Energy efficient product
Take-back	Take-back program available

Contractual warranty

Warranty	2 years repair or replace
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