

Product data sheet

Specifications



APC Symmetra 8kVA Scalable to 8kVA N+1 208/240V

SY8K

⚠ Discontinued on: Dec 31, 2004

⚠ End-of-service on: Dec 31, 2015

⚠ Discontinued

Overview

Lead Time Usually in Stock

Main

Main Input Voltage	208 V
Other Input Voltage	240 V
Main Output Voltage	120 V 208 V
Other Output Voltage	240 V
Rated Power In W	5600 W
Rated Power In Va	8000 VA
Output Connector Type	Hard wire 3-wire (2P + E) 1 Hard wire 4-wire (2P + N + E) 1
Number Of Rack Unit	0U
Battery Type	Lead-acid battery
Provided Equipment	CD with software User manual

Batteries & Runtime

Run Time	View Runtime Graph
Number Of Battery Filled Slots	2
Number Of Battery Free Slots	0
Battery Recharge Time	2.5 h
Additional Information	Configurable for 120/208 or 120/240 output voltage
Battery Charger Power	688 W rated
Extended Runtime	1

General

Number Of Power Module	3
Number Preinstalled Power Module	2
Number Of Power Module Free Slots	0
Number Of Power Module Filled Slots	0
Redundant	Yes

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Physical

Colour	Beige
Height	78.7 cm
Width	61 cm
Depth	68.6 cm
Net Weight	228.18 kg
Mounting Location	Front
Mounting Preference	No preference
Mounting Mode	Not rack-mountable
Usb Compatible	No

Input

Network Frequency	45...65 Hz auto-sensing
Number Of Input Connectors	1 hard wire 3-wire (2P + E)
Input Voltage Limits	155...276 V
Input Power Factor At Full Load	0.98

Output

Maximum Configurable Power In W	5600 W
Harmonic Distortion	Less than 5 % at full load
Output Frequency	57...63 Hz for 60 Hz nominal sync to mains 60 Hz unsynchronised
Crest Factor	Up to 5 : 1
Ups Type	Double conversion online
Wave Type	Sine wave
Bypass Type	Internal bypass (automatic and manual)
Efficiency	87 % (full load)
Maximum Configurable Power In Va	8000 VA

Conformance

Product Certifications	CSA
Standards	FCC part 15 class A UL 1778

Environmental

Ambient Air Temperature For Operation	0...40 °C
Relative Humidity	0...95 %
Operating Altitude	0...10000 ft
Ambient Air Temperature For Storage	-15...45 °C
Storage Relative Humidity	0...95 %
Storage Altitude	0.00...15240.00 m
Acoustic Level	62 dBA

Heat Dissipation	2484 Btu/h
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Communications & Management

Free Slots	3
Preinstalled Device	Network management card
Control Panel	Multifunction LCD status and control console
Alarm	Alarm when on battery : distinctive low battery alarm : configurable delays
Emergency Power Off	Yes

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1

Contractual warranty

Warranty	2 years repair or replace, optional on-site warranties available, optional extended warranties available
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