

Product data sheet

Specifications



APC Symmetra 8kVA Scalable to 16kVA N+1 380-415V 3:1 Black

SY8KEX3IBX120

⚠ Discontinued on: Dec 31, 2004

⚠ End-of-service on: Dec 31, 2015

⚠ Discontinued

Overview

Lead Time Usually in Stock

Main

Main Input Voltage 400 V 3 phases

Other Input Voltage 380 V
415 V

Main Output Voltage 230 V

Other Output Voltage 220 V
240 V

Rated Power In W 5600 W

Rated Power In Va 8000 VA

Output Connector Type Hard wire 3-wire (H 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 2

Battery Recharge Time 2.5 h

Additional Information Configurable for 220 : 230 or 240 nominal output voltage

Battery Charger Power 688 W rated

Battery Life 3...5 year(s)

Extended Runtime 0

General

Number Of Power Module 5

Number Preinstalled Power Module 2

Number Of Power Module Free Slots 0

Number Of Power Module Filled Slots 0

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

Redundant	Yes
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Physical

Colour	Black
Height	120 cm
Width	61 cm
Depth	77 cm
Net Weight	199.5 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 5-wire (3P + N + E)
Input Voltage Limits	290...480 V
Input Power Factor At Full Load	0.95

Output

Maximum Configurable Power In W	11200 W
Harmonic Distortion	Less than 5 % at full load
Output Frequency	47...53 Hz for 50 Hz nominal sync to mains 57...63 Hz for 60 Hz nominal sync to mains 60 Hz unsynchronised 50 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	91 % (full load)
Maximum Configurable Power In Va	16000 VA

Conformance

Product Certifications	C-Tick CE VDE
Standards	EN 50091-2

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	1720 Btu/h

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
Package 1 Height	76.962 cm
Package 1 Width	60.96 cm
Package 1 Length	119.99 cm
Package 1 Weight	252.47 kg

Contractual warranty

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