

Product data sheet

Specifications



APC Symmetra 12kVA Scalable to 16kVA N+1 208/240V w/Outlets

SY12KEX-PD

⚠ 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	8400 W
Rated Power In Va	12000 VA
Output Connection Type	4 NEMA 5-15R 3 NEMA L6-30R 3 NEMA L14-30R
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	User manual CD with software

Batteries & Runtime

Run Time	View Runtime Graph 
Number Of Battery Filled Slots	3
Number Of Battery Free Slots	1
Battery Recharge Time	2.5 h
Additional Information	Configurable for 120/208 or 120/240 output voltage
Battery Charger Power	1033 W rated
Battery Life	3...5 year(s)
Extended Runtime	1

General

Number Of Power Module	5
Number Preinstalled Power Module	3

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

Number Of Power Module Free Slots	0
Number Of Power Module Filled Slots	0
Redundant	Yes

Physical

Colour	Beige
Height	132.1 cm
Width	61 cm
Depth	68.6 cm
Net Weight	392.73 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	11200 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	16000 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	3727 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

Contractual warranty

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