Product data sheet

Specifications



APC Symmetra 8kVA Scalable to 16kVA N+1 208/240V w/Outlets

SY8KEX-PD

Discontinued on: Dec 31, 2004

End-of-service on: Dec 31, 2015

Discontinued

Main

Main input voltage	208 V
Other input voltage	240 V
Cos phi	0.98
Efficiency at full load	155...276 V
Input connection	1 Hard Wire 3-wire (2PH + G)
Input frequency	45...65 Hz auto-sensing
Output voltage	120 V 208 V
Other output voltage	240 V
Rated power in W	5600 W
Rated power in VA	8000 VA
Output connection	4 NEMA 5-15R 3 NEMA L6-30R 3 NEMA L14-30R
Output connection	Hard Wire 3-wire (2PH + G) for 1 zone(s) Hard Wire 4-wire (2PH+N+G) for 1 zone(s)
Bypass type	Internal Bypass (Automatic and Manual)
Crest factor	Up to 5 : 1
Harmonic distortion	Less than 5 % at full load
Maximum configurable power in VA	16000 VA
Maximum configurable power in W	11200 W
UPS topology	Double Conversion Online
Waveform type	Sine wave
Efficiency	87 % full load)
Output frequency	57...63 Hz for 60 Hz nominal sync to mains 60 Hz not synced

Graphs

Runtime	View Runtime Graph

Complementary

Battery type	Lead-Acid battery
Additional information	Configurable for 120/208 or 120/240 output voltage

Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

Extendable runtime	1
Included battery module	2
Empty battery slot	2
Typical recharge time	2.5 h
Battery charging power	688 W rated
Control panel	Multi-function LCD status and control console
Emergency power off	Yes
Free slot	3
Preinstalled device	Network management card
Alarm	Alarm when on battery : distinctive low battery alarm : configurable delays
Number of rack unit	0U
Color	Beige
Height	52.008 in (132.1 cm)
Width	24.02 in (61 cm)
Depth	27.008 in (68.6 cm)
Product weight	760.6 lb(US) (345 kg)
Mounting location	Front
Mounting preference	No preference
Mounting mode	Not rack-mountable
USB compatible	No
Provided equipment	User Manual CD with software
Number of power modules	5
Number of power module filled slots	0
Number of power module free slots	0
Number of preinstalled power modules	2
Redundant	Yes
Performance multiplier	1
Value multiplier	1
Size UPS version	Internetworking Server Telecom
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 unit	Percentage
Curve y-axis maximum	100 %
Curve y-axis minimum	50 %
Curve y-axis title	Efficiency

Curve y-axis unit	Percentage
Graph display	1
UPS size	L

Environment

Product certification	CSA
Standard	FCC Part 15 class A UL 1778
Ambient air temperature for operation	32…104 °F (0…40 °C)
Ambient air temperature for storage	5…113 °F (-15…45 °C)
Storage altitude	0…50000 ft (0…15240 m)
Relative humidity	0…95 %
Storage relative humidity	0…95 %
Acoustic level	62 dBA
Heat dissipation	2484 Btu/h
Operating altitude	0...10000 ft

General

Tare power	266 W

Ordering and shipping details

GTIN	731304646532

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1