Product data sheet

Specifications

Symmetra PX 30kW Scalable to 40kW N+1, 200/208V Japan

SY30K40E

Overview

Lead time	Usually Ships within 2 Weeks

Main

Main Input Voltage	200 V 3 phases
Main Output Voltage	200 V 3 phases
Rated power in W	30000 W
Rated power in VA	30000 VA
Output connector type	Hard wire 5-wire (3P + N + E) 1
Connections - terminals	1 screw terminals
Number of cables	1
Battery type	Lead-acid battery
Provided equipment	Network management card User manual

Batteries & Runtime

Run Time	View Runtime Graph ⬀
Number of battery filled slots	3
Number of battery free slots	1
Battery recharge time	2 h
Additional information	Battery Module type: SYBTJ4
Battery charger power	4126 W rated
Battery life	5…7 year(s)
Extended runtime	1

General

Number of power module	5
Number preinstalled power module	4
Number of power module free slots	0
Number of power module filled slots	0
Redundant	Yes

Physical

Colour	Black
Height	206.5 cm
Width	61 cm
Depth	91.5 cm
net weight	748.18 kg
USB compatible	No

Input

Network frequency	50/60 Hz +/- 5 Hz auto-sensing
Number of input connectors	1 hard wire 5-wire (3P + N + E)
Input voltage limits	177...240 V
Input Power Factor at Full Load	0.99

Output

Maximum configurable power in W	40000 W
Harmonic distortion	Less than 5 % at full load
Output frequency	47...53 Hz for 50 Hz nominal sync to mains 60 Hz +/- 0.1 % for 60 Hz nominal unsynchronised 57...63 Hz for 60 Hz nominal sync to mains 50 Hz +/- 0.1 % for 50 Hz nominal unsynchronised
UPS type	Double conversion online
Wave type	Sine wave
Bypass type	Built-in static bypass
Maximum configurable power in VA	40000 VA

Conformance

Product certifications	cUL listed EUROBAT
Standards	EN 50091-1 EN 50091-2 FCC part 15 class A ISO 14001 ISO 9001 UL 1778 UL 60950

Environmental

Ambient air temperature for operation	0…40 °C
Relative humidity	0…95 %
Operating altitude	0...3333 ft
Ambient air temperature for storage	-15…40 °C
Storage Relative Humidity	0…95 %
Storage altitude	0.0000000000…15240.0000000000 m
Acoustic level	64 dBA
heat dissipation	8913 Btu/h
IP degree of protection	IP20

Communications & Management

Free slots	2
Preinstalled device	Network management card 2 - Masterpack for Symmetra 3-Phase
control panel	Multifunction LCD status and control console
Emergency power off	Yes

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	231.1 cm
Package 1 Width	105.4 cm
Package 1 Length	74.9 cm
Package 1 Weight	950 kg

Contractual warranty

Warranty	1 year on-site repair or replace with factory authorized Start-Up

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Eu Rohs Directive	Not compliant