Product data sheet

Specifications



Symmetra PX 100kW Power Frame, 208V

SYCF100KF

Overview

Lead time	Special Order - Call for Quoted Lead Times

Main

Main Input Voltage	208 V 3 phase
Main Output Voltage	208 V 3 phase
Kw Rating	100000 W
Rated power in VA	100000 VA
Output connector type	Hard Wire 5-wire (3PH + N + G) 1
Battery Type	External battery system
Provided equipment	Installation guide Network Management Card User Manual

Batteries & Runtime

Battery Charge Power (Watts)	3110400 W rated

General

product web sub-family	Symmetra PX 100kW
Number of power module free slots	9
Redundant	Yes

Physical

color	Black
Height	79.2 in (201.1 cm)
Width	23.6 in (60 cm)
Depth	42.1 in (107 cm)
Net Weight	717.50 lb(US) (325.45 kg)

Input

Input Frequency	40 - 70 Hz
Number of input connectors	1 Hard Wire 5-wire (3PH + N + G)

Output

Max Configurable Power (Watts)	100000 W

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

Harmonic distortion	Less than 2%
Output Frequency (sync to mains)	57...63 Hz for 60 Hz nominal sync to mains 60 Hz +/- 0.1 % for 60 Hz nominal not synced
Waveform Type	Sine wave
Bypass type	Built-in Static Bypass
Efficiency at full load	92.5 % full load)
Maximum configurable power in VA	100000 VA

Conformance

Product Certifications	cUL Listed CSA
Standards	FCC Part 15 class A ISO 14001 ISO 9001 UL 1778

Environmental

Ambient Air Temperature for Operation	32…104 °F (0…40 °C)
Relative Humidity	0…95 %
Operating altitude	0...3333 ft
Ambient Air Temperature for Storage	-58…104 °F (-50…40 °C)
Storage Relative Humidity	0…95 %
Storage altitude	0…50000 ft (0.0000000000…15240.0000000000 m)
acoustic level	67 dBA
NEMA degree of protection	NEMA 1

Ordering and shipping details

GTIN	731304277613

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	84.3 in (214 cm)
Package 1 Width	47.6 in (121 cm)
Package 1 Length	33.4 in (84.8 cm)
Package 1 Weight	790.67 lb(US) (358.64 kg)

Contractual warranty

Warranty	1 year repair or replace

Sustainability

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Transparency


RoHS/REACh

Resource performance

Take-Back Program Available

Well-being performance

Lead Free

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant EU RoHS Declaration
Environmental Disclosure	Product Environmental Profile