

Product data sheet

Specifications



Symmetra MW 1000kW IP Frame, 480V, FINAL SALE NOTICE

SYMF1000KG-IP

! Discontinued on: Feb 12, 2021

! To be end-of-service on: Jun 3, 2032

! Discontinued - Service only

Overview

Lead Time	Special Order - Call for Quoted Lead Times
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Main

Main Input Voltage	480 V 3 phases
Main Output Voltage	480 V 3 phases
Rated Power In W	1000000 W
Rated Power In Va	1000000 VA
Output Connector Type	Hard wire 4-wire (3P + E) 1
Number Of Rack Unit	0U
Number Of Cables	1
Battery Type	External battery system
Provided Equipment	Assembly service Start-up service User manual Installation guide

Batteries & Runtime

Efficiency	View Efficiency Graph
Number Of Battery Filled Slots	0
Number Of Battery Free Slots	0
Battery Power In Vah	0 VAh runtime
Extended Runtime	1

General

Number Of Power Module	15
Number Preinstalled Power Module	0
Number Of Power Module Free Slots	0
Number Of Power Module Filled Slots	0
Redundant	Yes

Physical

Colour	Light grey (NCS 2703-G84Y)
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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

Height	203.2 cm
Width	395.9 cm
Depth	106.7 cm
Net Weight	5445 kg
Mounting Location	Front
Mounting Preference	No preference
Mounting Mode	Not rack-mountable
Two Post Mountable	0
Usb Compatible	No

Input

Network Frequency	60 Hz programmable +/- 0.5 / 1 / 2 / 4 / 6 / 8 %
Number Of Input Connectors	1 hard wire 4-wire (3P + E)
Input Voltage Limits	408...552 V adjustable 480 V 408...552 V 480 V
Maximum Input Current	1364 A
Max Short Time Withstand Current	200 kA
Input Protection Type	3-pole circuit breaker
Input Power Factor At Full Load	0.99

Output

Maximum Configurable Power In W	1000000 W
Harmonic Distortion	Less than 5 % at full load
Output Frequency	60 Hz programmable +/- 0.5 / 1 / 2 / 4 / 6 / 8 % sync to mains 60 Hz +/- 0.1 % for 60 Hz nominal unsynchronised
Crest Factor	Unlimited
Ups Type	Delta conversion on-line
Wave Type	Sine wave
Maximum Configurable Power In Va	1000000 VA

Conformance

Product Certifications	cUL listed UL listed
Standards	EN 50091-1 FCC part 15 class A ISO 14001 ISO 9001 UL 1778

Environmental

Ambient Air Temperature For Operation	0...40 °C
Relative Humidity	0...95 %
Operating Altitude	0...3333 ft
Ambient Air Temperature For Storage	-50...40 °C
Storage Relative Humidity	0...95 %

Storage Altitude	0.00...15240.00 m
Acoustic Level	74 dBA
Heat Dissipation	105600 Btu/h
Nema Degree Of Protection	NEMA 1 NEMA 12 (optional)

Communications & Management

Control Panel	Touch screen LCD user interface
Alarm	Audible and visible alarms prioritized by severity
Emergency Power Off	Yes

Packing Units

Package 1 Height	223.5 cm
Package 1 Width	579.2 cm
Package 1 Length	128 cm

Contractual warranty

Warranty	1 year repair or replace
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Sustainability

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Well-being performance

✓ Reach Free Of Svhc

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