

Product data sheet

Specifications



Symmetra MW 800kW IP Frame, 480V, FINAL SALE NOTICE

SYMF800KG-IP

⚠ Discontinued on: Feb 12, 2021

⚠ End-of-service on: Feb 16, 2024

⚠ Discontinued

Overview

Lead Time Special Order - Call for Quoted Lead Times

Main

Main Input Voltage	480 V 3 phases
Main Output Voltage	480 V 3 phases
Rated Power In W	800000 W
Rated Power In Va	800000 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 Installation guide Start-up service User manual

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	12
Number Preinstalled Power Module	3
Number Of Power Module Free Slots	0
Number Of Power Module Filled Slots	0
Redundant	Yes

Physical

Colour Light grey (NCS 2703-G84Y)

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	353.9 cm
Depth	106.7 cm
Net Weight	4591 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	1091 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	800000 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	800000 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	84500 Btu/h
Nema Degree Of Protection	NEMA 1 NEMA 12 (optional)

Communications & Management

Control Panel	Touch screen LCD user interface
Emergency Power Off	Yes

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1

Contractual warranty

Warranty	1 year repair or replace
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