Product data sheet

Specifications

Symmetra MW 400kW Frame, 400V

SYMF400KH

Discontinued on: Feb 12, 2021

End-of-service on: Oct 18, 2023

Discontinued

Overview

Lead Time	Special Order - Call for Quoted Lead Times

Main

Main Input Voltage	400 V 3 phases
Other Input Voltage	380 V 415 V
Main Output Voltage	400 V 3 phases
Other Output Voltage	380 V 415 V
Rated Power In W	400000 W
Rated Power In Va	400000 VA
Output Connector Type	Hard wire 4-wire (3P + E) 1 Hard wire 5-wire (3P + N + E) 1 Hard wire 4-wire (3P + N) 1 Hard wire 4-wire (3P + PEN) 1
Number Of Cables	1
Battery Type	External battery system
Provided Equipment	Assembly service Start-up service User manual Installation guide

Batteries & Runtime

Run Time	View Runtime Graph
Efficiency	View Efficiency Graph
Number Of Battery Filled Slots	0
Number Of Battery Free Slots	0
Additional Information	Configurable for 380 : 400 or 415 V 3 Phase nominal output voltage
Battery Power In Vah	0 VAh runtime
Extended Runtime	1

General

Number Of Power Module Free Slots	2
Number Of Power Module Filled Slots	0

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

Redundant	Yes

Physical

Colour	Light grey (NCS 2703-G84Y)
Height	203.2 cm
Width	211.4 cm
Depth	106.7 cm
Net Weight	2122.27 kg
Mounting Location	Front
Mounting Preference	No preference
Mounting Mode	Not rack-mountable
Two Post Mountable	0
Usb Compatible	Yes

Input

Network Frequency	50 Hz programmable +/- 0.5 / 1 / 2 / 4 / 6 / 8 %
Number Of Input Connectors	1 hard wire 4-wire (3P + N) 1 hard wire 4-wire (3P + PEN) 1 hard wire 5-wire (3P + N + E)
Input Voltage Limits	323...437 V adjustable 380 V 357...477 V adjustable 415 V 340...460 V 400 V
Input Power Factor At Full Load	0.99

Output

Maximum Configurable Power In W	400000 W
Harmonic Distortion	Less than 5 % at full load
Output Frequency	50 Hz programmable +/- 0.5 / 1 / 2 / 4 / 6 / 8 % +/- 0.1 % for 50 Hz nominal 50 Hz +/- 0.1 % for 50 Hz nominal
Crest Factor	Unlimited
Ups Type	Delta conversion on-line
Wave Type	Sine wave
Bypass Type	Built-in static bypass Optional external bypass
Maximum Configurable Power In Va	400000 VA

Conformance

Product Certifications	CE
Standards	EN 50091-1 EN 50091-2 EN/IEC 62040-3 FCC part 15 class A IEC 60950 ISO 14001 ISO 9001

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	42250 Btu/h
Ip Degree Of Protection	IP20 IP21 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
Package 1 Height	223.5 cm
Package 1 Width	248.9 cm
Package 1 Length	128 cm
Package 1 Weight	2267.506 kg

Contractual warranty

Warranty	1 year repair or replace

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

Energy Efficient Take-back

Resource performance

- Energy Efficient Product
- Take-Back Program Available

Well-being performance

- Reach Free Of Svhc

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant EU RoHS Declaration