

# Product data sheet

Specifications



## Symmetra MW 1000kW Frame, 480V

SYMF1000KG

⚠ Discontinued on: Jan 27, 2021

⚠ End-of-service on: Feb 16, 2024

⚠ Discontinued

### Overview

Lead TimeSpecial 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      | 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<br>Start-up service<br>User manual<br>Installation guide |

### Batteries & Runtime

|                                |                                       |
|--------------------------------|---------------------------------------|
| Efficiency                     | <a href="#">View Efficiency Graph</a> |
| 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

ColourLight 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               | 414 cm             |
| Depth               | 106.7 cm           |
| Net Weight          | 4196.82 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<br>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<br>60 Hz +/- 0.1 % for 60 Hz nominal unsynchronised |
| Crest Factor                     | Unlimited  |
| Ups Type                         | Delta conversion on-line   |
| Wave Type                        | Sine wave  |
| Bypass Type                      | External static bypass   |
| Maximum Configurable Power In Va | 1000000 VA   |

## Conformance

|                        |  |
|------------------------|--|
| Product Certifications | cUL listed<br>UL listed  |
| Standards              | EN 50091-1<br>FCC part 15 class A<br>ISO 14001<br>ISO 9001<br>OSHPD<br>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<br>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 |
|----------|--------------------------|

# 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<sub>2</sub> 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](#)