

Product data sheet

Specifications

MGE Upsilon STS 100A



STS100

Overview

Lead Time	Special Order - Call for Quoted Lead Times
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Main

Main Input Voltage	400 V 3 phases
Main Output Voltage	400 V 3 phases
Other Output Voltage	380 V 400 V 415 V
Output Connector Type	Hard wire 4-wire (3P + E) 1 Hard wire 5 wire (3P + N + E) 1 Hard wire 3-wire (3P) 1 Hard wire 4-wire (3P + N) 1 Hard wire 4-wire (3P + PEN) 1
Provided Equipment	Installation guide User manual

Physical

Colour	Grey
Height	190 cm
Width	71.5 cm
Depth	82.5 cm
Net Weight	215 kg
Mounting Location	Front
Mounting Preference	No preference
Mounting Mode	Not rack-mountable

Input

Network Frequency	45...65 Hz
Number Of Input Connectors	1 hard wire 4-wire (3P + E) 1 hard wire 4-wire (3P + N) 1 hard wire 4-wire (3P + PEN) 1 hard wire 5 wire (3P + N + E)
Max Line Current	600 A
Input Current Limits	100 A
Load Capacity	69280 VA
Power Factor	0.5 leading and lagging
Maximum Crest Factor	3.5

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

Output

Max Current Draw	100 A
Protection Type	Circuit breaker
Efficiency	99.3 %

Conformance

Product Certifications	CE TÜV
Standards	EN 60950

Environmental

Ambient Air Temperature For Operation	0...40 °C
Relative Humidity	20...80 %
Operating Altitude	0...3333 ft
Ambient Air Temperature For Storage	-40...70 °C
Storage Altitude	0.00...9144.00 m

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	203 cm
Package 1 Width	80 cm
Package 1 Length	94 cm
Package 1 Weight	235 kg

Contractual warranty

Warranty	1 year repair or replace
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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-CO₂ 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 >](#)

Eu Rohs Directive	Not applicable, out of EU RoHS legal scope
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