

Product data sheet

Specifications

Symmetra PX 25kW Power Module, 400/480V



SYPM25KD

Overview

Lead time Special Order - Call for Quoted Lead Times

Main

Main Input Voltage 480 V 3 phase
400 V 3 phase

Main Output Voltage 480 V 3 phase
400 V 3 phase

Kw Rating 25000 W

Rated power in VA 25000 VA

Output connector type Anderson 2

Provided Equipment User Manual

Physical

Color Black

Height 6.81 in (17.3 cm)

Width 17.80 in (45.2 cm)

Depth 27.76 in (70.5 cm)

Net Weight 92.59 lb(US) (42 kg)

Mounting Location Front

USB compatible No

Input

Input Frequency 40 - 70 Hz

Number of input connectors 1 Hard Wire 4-wire (3PH + G)
1 Hard Wire 5-wire (3PH + N + G)

Efficiency at full load 340...460 V 400 V
408...552 V 480 V

Input Total Harmonic Distortion Less than 5% for full load

Input Power Factor at Full Load 0.99

Output

Max Configurable Power (Watts) 25000 W

Harmonic distortion	Less than 2%
Output Frequency (sync to mains)	50 Hz +/- 0.1 % for 50 Hz nominal not synced 60 Hz +/- 0.1 % for 60 Hz nominal not synced
Crest factor	Unlimited
Topology	Double Conversion Online
Waveform Type	Sine wave
Output voltage tolerance	+/-1% static and +/- 5% at 100% load step
Output Voltage THD	< 2% for 0 to 100% linear load and < 6% for full non-linear load
Overload Operation	10 minutes @ 125% and 60 seconds @ 150%

Conformance

Product Certifications	cUL Listed CE UL Listed VDE
------------------------	--------------------------------------

Environmental

Ambient Air Temperature for Operation	32...104 °F (0...40 °C)
Relative Humidity	0...95 %
Operating altitude	0...3333 ft
Ambient Air Temperature for Storage	5...104 °F (-15...40 °C)
Storage Relative Humidity	0...95 %
Storage altitude	0...50000 ft (0.00...15240.00 m)
Acoustic level	54 dBA

Ordering and shipping details

GTIN	731304248071
------	--------------

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	11.22 in (28.5 cm)
Package 1 Width	36.81 in (93.5 cm)
Package 1 Length	23.03 in (58.5 cm)
Package 1 Weight	106.22 lb(US) (48.18 kg)
Number of Units in Package 3	6

Offer Sustainability

EU RoHS Directive	Under investigation
-------------------	---------------------

Contractual warranty

Warranty	1 year repair or replace
----------	--------------------------

Recommended replacement(s)