

# Product data sheet

Specifications



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## 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	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
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## 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
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## 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
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## Contractual warranty

Warranty	1 year repair or replace
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## Recommended replacement(s)