

# Product datasheet

Specifications

## Symmetra PX Power Module, 10/16kW, 400V



SYPM10K16H

### Overview

#### Presentation

A 16kW high efficiency power module for the Symmetra PX160kW & PX48kW. This power module is backward compatible with the SYPM10KH module and will autotetect to deliver only 10kW of power protection if installed in a PX80kW, 40KW or 20kW all-in-one.

### Main

Main Input Voltage	400 V 3 phases
Main Output Voltage	230 V 400 V 3 phases
Rated power in W	16000 W
rated power in VA	16000 VA
Output connector type	Hard wire 5-wire (3P + N + E) for 1 zone(s)
Provided equipment	Installation guide

### Batteries & Runtime

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

### Physical

Height	13.2 cm
Width	48.3 cm
Depth	70 cm
Product weight	28.5 kg
Mounting location	Front
USB compatible	No

### Input

Network frequency	40...70 Hz
Number of input connectors	1 hard wire 5-wire (3P + N + E)
Input voltage limits	340...477 V
Maximum input current	33 A
Max short time withstand current	30 kA
Input harmonic distortion	Less than 5 % for full load
Input Power Factor at Full Load	0.99

## Output

Maximum configurable power in W	16000 W
Harmonic distortion	Less than 2 %
Output frequency	50/60 Hz +/- 3 Hz user adjustable +/- 0.1 Hz sync to mains 50 Hz +/- 0.1 % for 50 Hz nominal unsynchronised
Crest factor	Unlimited
UPS type	Double conversion online
Output voltage tolerance	+/- 1% static and +/- 5% at 100% load step
Output harmonic distortion	< 2% for 0 to 100% linear load and < 6% for full non-linear load
Output overload operation	10 minutes at 125% and 60 seconds at 150%

## Conformance

Product certifications	CE
Standards	EN 50091-1 EN 50091-3 FCC part 15 class A VFI-SS-111

## Environmental

Ambient air temperature for operation	0...40 °C
Relative humidity	0...95 %
Operating altitude	0...3333 ft
Ambient air temperature for storage	-15...40 °C
Storage Relative Humidity	0...95 %
Storage altitude	0...4572 m
Acoustic level	63 dBA
Heat dissipation	2573 Btu/h
NEMA degree of protection	NEMA 1

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	22.5 cm
Package 1 Width	70 cm
Package 1 Length	59.5 cm
Package 1 Weight	31.55 kg

## Logistical informations

Country of origin	PH
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## Contractual warranty

Warranty (in months)	12
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## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



### Environmental footprint

Total lifecycle Carbon footprint	14 941 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	719 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	14 kg CO2 eq.
Carbon footprint of the installation phase [A5]	7 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	14 140 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	60 kg CO2 eq.
Environmental Disclosure	<a href="#">Product Environmental Profile</a>

### Use Better



### Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
SCIP Number	F4c2965e-f80d-4830-8cd4-be926afb0f45
EU RoHS Directive	<a href="#">Compliant By Exemption</a>
REACH Regulation	<a href="#">Reference contains Substances of Very High Concern above the threshold</a>

### Use Longer



### Lifetime extension

Repair	No
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### Use Again



### Repack and remanufacture

Recyclability potential, in %	52
End of life manual availability	<a href="#">End of Life Information</a>
Take-back	No
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Image of product / Alternate images

Alternative

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