Product data sheet

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 autodetect to deliver only 10kW of power protection if installed in a PX80kW, 40KW or 20kW all-in-one.
Lead time	Usually Ships within 2 Weeks

Main

Main Input Voltage	400 V 3 phase
Main Output Voltage	230 V 400 V 3 phase
Kw Rating	16000 W
Rated power in VA	16000 VA
Output connector type	Hard Wire 5-wire (3PH + N + G) 1
Provided Equipment	Installation guide

Batteries & Runtime

Included Battery Modules	0
Battery Slots Empty	0
Additional information	Configurable for 380 : 400 or 415 V 3 Phase nominal output voltage

Physical

Height	5.20 in (13.2 cm)
Width	19.02 in (48.3 cm)
Depth	27.56 in (70 cm)
Product Weight	62.8 lb(US) (28.5 kg)
Mounting Location	Front
USB compatible	No

Input

Input Frequency	40 - 70 Hz
Number of input connectors	1 Hard Wire 5-wire (3PH + N + G)
Efficiency at full load	340...477 V
Maximum Input Current per Phase	33 A
Maximum Short Circuit Withstand (Icw)	30 kA

Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

Input Total Harmonic Distortion	Less than 5% for full load
Input Power Factor at Full Load	0.99

Output

Max Configurable Power (Watts)	16000 W
Harmonic distortion	Less than 2%
Output frequency	50/60 Hz +/- 3 Hz user adjustable +/- 0.1 sync to mains 50 Hz +/- 0.1 % for 50 Hz nominal not synced
Crest factor	Unlimited
Topology	Double Conversion Online
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	CE
Standards	EN 50091-1 EN 50091-3 FCC Part 15 class A VFI-SS-111

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…15000 ft (0.0000000000…4572.0000000000 m)
Acoustic level	63 dBA
Online Thermal Dissipation	2573 Btu/h
NEMA degree of protection	NEMA 1

Ordering and shipping details

GTIN	731304252153

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	8.86 in (22.5 cm)
Package 1 Width	27.56 in (70 cm)
Package 1 Length	23.43 in (59.5 cm)
Package 1 Weight	69.56 lb(US) (31.55 kg)

Contractual warranty

Warranty	1 year repair or replace

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

Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances

EU RoHS Directive	Compliant with Exemptions
SCIP Number	F4c2965e-f80d-4830-8cd4-be926afb0f45
REACh Regulation	REACh Declaration

Use Again

Repack and remanufacture

Circularity Profile	End of Life Information

Image of product / Alternate images

Alternative





