


Product data sheet

Specifications



Symmetra PX 30kW Scalable to 100kW, 208V with Startup, No Battery

SY30K100F-NB

 **Discontinued on:** Dec 20, 2023

 **Discontinued**



Overview

| | |
|--------------|---|
| Presentation | A modular, high-efficiency 3-phase UPS that is scalable up to 100kW. Suitable for use in small to medium data centers and high density zones. |
| Lead time | Usually Ships within 3 Weeks |

Main

| | |
|-----------------------|--|
| Main Input Voltage | 208 V 3 phases |
| Main Output Voltage | 120 V 208 V 208 V 3 phases |
| Rated power in W | 30000 W |
| Rated power in VA | 30000 VA |
| Output connector type | Hard wire 5-wire (3P + N + E) 1 |
| Battery type | External battery system |
| Provided equipment | Installation guide Network management card Start-up service User manual |

Batteries & Runtime

| | |
|------------------|---|
| Run Time | View Runtime Graph  |
| Efficiency | View Efficiency Graph  |
| Extended runtime | 0 |

General

| | |
|-------------------------------------|-----|
| Number of power module free slots | 6 |
| Number of power module filled slots | 4 |
| Redundant | Yes |

Physical

| | |
|------------|----------|
| Colour | Black |
| Height | 201.1 cm |
| Width | 60 cm |
| Depth | 107 cm |
| net weight | 385.4 kg |

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

| | |
|----------------|----|
| USB compatible | No |
|----------------|----|

Input

| | |
|---------------------------------|-----------------------------|
| Network frequency | 40...70 Hz |
| Input voltage limits | 177...239 V 208 V |
| Maximum input current | 332 A |
| Input harmonic distortion | Less than 5 % for full load |
| Load power factor | 0.5 leading to 0.5 lagging |
| Input Power Factor at Full Load | 0.99 |

Output

| | |
|----------------------------------|--|
| Maximum configurable power in W | 100000 W |
| Harmonic distortion | Less than 2 % |
| Output frequency | 57...63 Hz for 60 Hz nominal sync to mains 60 Hz +/- 0.1 % for 60 Hz nominal unsynchronised 50 Hz +/- 0.1 % for 50 Hz nominal unsynchronised |
| UPS type | Double conversion online |
| Wave type | Sine wave |
| 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 |
| Bypass type | Built-in static bypass |
| Maximum configurable power in VA | 100000 VA |
| Transfer time | 2 ms typical |

Conformance

| | |
|-----------|--|
| Standards | CSA C22.2 No 107.3-05 FCC part 15 class A ISO 14001 ISO 9001 UL 1778 |
|-----------|--|

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 | 0.0000000000...15240.0000000000 m |
| Acoustic level | 67 dBA |
| NEMA degree of protection | NEMA 1 |

Communications & Management

| | |
|---------------------|--|
| Free slots | 2 |
| Preinstalled device | Network management card with CAN |
| control panel | Multifunction LCD status and control console |

Packing Units

| | |
|------------------------------|----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 214 cm |
| Package 1 Width | 121 cm |
| Package 1 Length | 84.8 cm |
| Package 1 Weight | 434.4 kg |

Contractual warranty

| | |
|----------|---|
| Warranty | 1 year on-site repair or replace with factory authorized Start-Up |
|----------|---|

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.

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Eu Rohs Directive

Under investigation
