

SY32K160H-NB

Symmetra PX 32kW Scalable to 160kW, without Bypass, Distribution, or Batteries, 400V



Overview

Description	A high-efficiency, modular 3-phase UPS that offers internal redundancy for your data center requirements. With scalable power, this UPS grows with your data center up to 160kW/kVA. Pair with the Classic Battery Cabinet and the Wall-Mount or 300mm Maintenance Bypass Panel to complete your power protection solution. Please click here for Classic Battery Cabinet runtime information. Suitable for small to medium data centers or individual zones of large data centers.
Model Name	Symmetra PX 32kW Scalable to 160kW, without Bypass, Distribution, or Batteries, 400V
Includes	Network Management Card , Start-Up Service , User Manual
Standard Lead Time	Usually Ships within 3 Weeks
Product Distribution	Albania , Algeria , Andorra , Angola , Anguilla , Antigua And Barbuda , Argentina , Armenia , Aruba , Australia , Austria , Azerbaijan , Bahamas , Bahrain , Barbados , Belarus , Belgium , Belize , Benin , Bermuda , Bolivia , Bosnia And Herzegovina , Botswana , Brazil , Bulgaria , Burkina Faso , Burundi , Cameroon , Cayman Islands , Central African Republic , Chad , Chile , China , Colombia , Congo , CONGO, THE DEMOCRATIC REPUBLIC OF THE , Costa Rica , Cote D'Ivoire , Croatia , Cuba , Cyprus , Czech Republic , Denmark , Djibouti , Dominica , Dominican Republic , Ecuador , Egypt , El Salvador , Equatorial Guinea , Eritrea , Estonia , Ethiopia , Falkland Islands (Malvinas) , Finland , France , Gabon , Gambia , Georgia , Germany , Ghana , Gibraltar , Greece , Grenada , Guadeloupe , Guatemala , Guinea , Guyana , French Guiana , Haiti , Honduras , Hong Kong , Hungary , Iceland , Iran (Islamic Republic Of) , Iraq , Ireland , Israel , Italy , Jamaica , Jordan , Kazakhstan , Kenya , Kuwait , Latvia , Lebanon , Lesotho , Liberia , Liechtenstein , Lithuania , Luxembourg , Macedonia , Madagascar , Malawi , Mali , Malta , Martinique , Mauritania , Mauritius , Mayotte , Mexico , Moldova, Republic Of , Mongolia , Morocco , Mozambique , Namibia , Netherlands , Netherlands Antilles , New Zealand , Nicaragua , Niger , Nigeria , Norway , Oman , Pakistan , Panama , Paraguay , Peru , Poland , Portugal , Puerto Rico , Qatar , Reunion , Romania , Russian Federation , Rwanda , SAINT KITTS AND NEVIS , SAINT LUCIA , SAINT VINCENT AND THE GRENADINES , Saudi Arabia , Senegal , Sierra Leone , Slovakia (Slovak Republic) , Slovenia , Somalia , South Africa , Spain , Sudan , Suriname , Sweden , Switzerland , Taiwan , Tajikistan , TANZANIA, UNITED REPUBLIC OF , Togo , Trinidad And Tobago , Tunisia , Turkey , Turkmenistan , Turks And Caicos Islands , Uganda , Ukraine , United Arab Emirates , Uruguay , Uzbekistan , Venezuela , VIRGIN ISLANDS (UNITED STATES) , Western Sahara , Yemen , Zambia , Zimbabwe

General

Bypass Connection	5 wire (3PH + N + G)
Max Bypass Input Current	250 A
Bypass Protection Device	250 A

Output

Output Power Capacity	32.0 KW / 32.0 kVA
Max Configurable Power (Watts)	160.0 KW / 160.0 kVA

Nominal Output Voltage	230V , 400 3PH
Output Voltage Note	Configurable for 380 : 400 or 415 V 3 Phase nominal output voltage
Output Voltage Distortion	Less than 2%
Output Frequency (sync to mains)	50/60 Hz +/- 3 Hz user adjustable +/- 0.1
Output Frequency (sync to mains)	Double Conversion Online
Waveform Type	Sine wave
Output Connections	(1) Hard Wire 5-wire (3PH + N + G) (Battery Backup)
Output Voltage THD	< 2% for 0 to 100% linear load and < 5% for full non linear load
Overload Operation	10 minutes @ 125% and 60 seconds @ 150%
Required Output Current Protection	250 A
Neutral Output Current	80 A
Bypass	Built-in Static Bypass

Input

Nominal Input Voltage	400 3PH
Input Frequency	40 - 70 Hz
Input Connections	Hard Wire 5-wire (3PH + N + G)
Input voltage range for main operations	340 - 477 V
Maximum Input Current	59 A
Input Breaker Capacity	315 A
Maximum Short Circuit Withstand (Icw)	30.0
Input Total Harmonic Distortion	Less than 5% for full load

Batteries & Runtime

Battery Type	No internal battery - uses external battery system
Replacement Battery	SYPX160CLASSICBATTCAB
Efficiency in Battery Operation	94.00 %

Communications & Management

Interface Port(s)	DB-9 RS-232 , SmartSlot
Available SmartSlot™ Interface Quantity	2
Control panel	Multi-function LCD status and control console
Audible Alarm	Alarm when on battery : distinctive low battery alarm : configurable delays
Emergency Power Off (EPO)	Yes

Physical

Maximum Height	1991.0 mm
Maximum Width	600.0 mm
Maximum Depth	1070.0 mm
Rack Height	42 U
Net Weight	382.0 kg
Shipping Weight	421.0 kg
Shipping Height	2140.0 mm
Shipping Width	848.0 mm
Shipping Depth	1210.0 mm
Color	Black

Environmental

Operating Environment	0 - 40 °C
-----------------------	-----------

Operating Relative Humidity	0 - 95 %
Operating Elevation	0-999.9 meters
Storage Temperature	-15 - 40 °C
Storage Relative Humidity	0 - 95 %
Storage Elevation	0-15000 meters
Audible noise at 1 meter from surface of unit	63.000 dB
Online Thermal Dissipation	5748.000 BTU/hr
Protection Class	IP 20 , NEMA 1

Conformance

Approvals	EN 50091-1 , EN/IEC 62040-1-1 , EN/IEC 62040-2 , EN/IEC 62040-3 , ISO 14001 , ISO 9001 , VFI-SS-111
Standard warranty	1 year on-site repair or replace with factory authorized Start-Up

Sustainable Offer Status

Battery Directive	Compliant
-------------------	-----------