

SY32K48H-PDNB

Symmetra PX 32kW All-In-One, Scalable to 48kW, without Batteries, 400V



Overview

Description	Scalable power and distribution in a high-density, single-frame design. This high-efficiency 3-phase UPS scales as your data center grows up to 48kW/48kVA. Suitable for small & medium data center applications. To be used with either external third party battery system, or with internal long life modular batteries SYBT9-B4LL.
Model Name	Symmetra PX 32kW All-In-One, Scalable to 48kW, without Batteries, 400V
Includes	Network Management Card , Start-Up Service
Standard Lead Time	Usually Ships within 3 Weeks
Product Distribution	Afghanistan , Albania , Algeria , Andorra , Angola , Armenia , Australia , Austria , Azerbaijan , Bahrain , Bangladesh , Belarus , Belgium , Benin , Bhutan , Bosnia And Herzegovina , Botswana , Brunei Darussalam , Bulgaria , Burkina Faso , Burundi , Cambodia , Cameroon , Central African Republic , Chad , China , Congo , CONGO, THE DEMOCRATIC REPUBLIC OF THE , Cook Islands , Cote D'Ivoire , Croatia , Cyprus , Czech Republic , Denmark , Djibouti , East Timor , Egypt , Equatorial Guinea , Eritrea , Estonia , Ethiopia , Fiji , Finland , France , Gabon , Gambia , Georgia , Germany , Ghana , Gibraltar , Greece , Guadeloupe , Guinea , French Guiana , Hong Kong , Hungary , Iceland , India , Indonesia , Iran (Islamic Republic Of) , Iraq , Ireland , Israel , Italy , Jordan , Kazakhstan , Kenya , KOREA, REPUBLIC OF , Kuwait , Latvia , Lebanon , Lesotho , Liberia , Liechtenstein , Lithuania , Luxembourg , Macedonia , Madagascar , Malawi , Malaysia , Mali , Malta , Martinique , Mauritania , Mauritius , Mayotte , Moldova, Republic Of , Mongolia , Morocco , Mozambique , Myanmar , Namibia , Nepal , Netherlands , New Zealand , Niger , Nigeria , Norway , Oman , Pakistan , Papua New Guinea , Philippines , Poland , Portugal , Qatar , Reunion , Romania , Russian Federation , Rwanda , Saudi Arabia , Senegal , Sierra Leone , Singapore , Slovakia (Slovak Republic) , Slovenia , Somalia , South Africa , Spain , Sri Lanka , Sudan , Suriname , Sweden , Switzerland , Taiwan , Tajikistan , TANZANIA, UNITED REPUBLIC OF , Thailand , Togo , Tunisia , Turkey , Turkmenistan , Turks And Caicos Islands , Uganda , Ukraine , United Arab Emirates , Uzbekistan , Viet Nam , Western Sahara , Yemen , Zambia , Zimbabwe

General

Bypass Connection	5 wire (3PH + N + G)
Bypass Voltage Tolerance	+/-10% settable from +/-4/6/8 and 10%
Max Bypass Input Current	80 A
Bypass Protection Device	180 A

Output

Output Power Capacity	32.0 KW / 32.0 kVA
Max Configurable Power (Watts)	48.0 KW / 48.0 kVA
Nominal Output Voltage	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
Other Output Voltages	380, 415V
Other Output Voltages	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 < 5% for full non linear load
Overload Operation	10 minutes @ 125% and 60 seconds @ 150%
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	65 A
Input Breaker Capacity	100 A
Maximum Short Circuit Withstand (Icw)	30.0
Input Total Harmonic Distortion	Less than 5% for full load
Type of Input Protection Required	GL fuse

Batteries & Runtime

Battery Type	No internal battery - uses external battery system
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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
Net Weight	369.0 kg
Shipping Weight	399.0 kg
Shipping Height	2150.0 mm
Shipping Width	848.0 mm
Shipping Depth	1210.0 mm

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	61.000 dB
Online Thermal Dissipation	5146.000 BTU/hr
Protection Class	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