

SY10K100F

Symmetra PX 10kW Scalable to 100kW, 208V with Startup



Overview

Description	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.
Model Name	Symmetra PX 10kW Scalable to 100kW, 208V with Startup
Includes	Installation guide , Network Management Card , Start-Up Service , User Manual
Standard Lead Time	Usually Ships within 3 Weeks
Product Distribution	Anguilla , Antigua And Barbuda , Argentina , Aruba , Bahamas , Barbados , Belize , Bermuda , Bolivia , Brazil , Canada , Cayman Islands , Chile , Colombia , Costa Rica , Cuba , Dominica , Dominican Republic , Ecuador , El Salvador , Falkland Islands (Malvinas) , Grenada , Guadeloupe , Guatemala , Guyana , French Guiana , Haiti , Honduras , Jamaica , Madagascar , Martinique , Mauritius , Mayotte , Mexico , Netherlands Antilles , Nicaragua , Panama , Paraguay , Peru , Puerto Rico , Reunion , SAINT KITTS AND NEVIS , SAINT LUCIA , SAINT VINCENT AND THE GRENADINES , Taiwan , Trinidad And Tobago , Turks And Caicos Islands , United States , Uruguay , Venezuela , VIRGIN ISLANDS (UNITED STATES)

Output

Output Power Capacity	10.0 KW / 10.0 kVA
Max Configurable Power (Watts)	100.0 KW / 100.0 kVA
Nominal Output Voltage	120V , 208V , 208 3PH
Output Voltage Distortion	Less than 2%
Output Frequency (sync to mains)	57 - 63 Hz for 60 Hz nominal
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 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
Bypass	Built-in Static Bypass

Input

Nominal Input Voltage	208 3PH
Input Frequency	40 - 70 Hz
Input voltage range for main operations	177 - 239 (208V) V
Maximum Input Current	332 A
Input Total Harmonic Distortion	Less than 5% for full load

Batteries & Runtime

Battery Type	VRLA
Included Battery Modules	1
Battery Slots Empty	8
Typical recharge time	2 hour(s)
Nominal Battery Voltage	+/-192 V (split battery referenced to neutral)
End of Discharge Battery Voltage	+/-154 V
Maximum Available Short Circuit Current	30 kA
Efficiency in Battery Operation	94.70 %
End of Discharge Maximum Battery Current	351 A

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)	--

Physical

Maximum Height	2011.0 mm
Maximum Width	1200.0 mm
Maximum Depth	1070.0 mm
Net Weight	777.82 kg
Shipping Weight	856.73 kg
Shipping Height	2140.0 mm
Shipping Width	1696.0 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	67.000 dB
Online Thermal Dissipation	3292.600 BTU/hr
Protection Class	NEMA 1

Conformance

Approvals	CSA C22.2 No.107.3-05 , FCC Part 15 Class A , ISO 14001 , ISO 9001 , UL 1778
Standard warranty	1 year on-site repair or replace with factory authorized Start-Up