Product data sheet

Specifications

InfraStruXure 20kW, 208V

ISX20K20F

Overview

Lead time	Usually Ships within 3 Weeks

Main

Main Input Voltage	3 phase
Main Output Voltage	120 V 208 V 208 V 3 phase
Kw Rating	20000 W
Rated power in VA	20000 VA
Battery Type	Lead-Acid battery
Provided equipment	Network Management Card Start-Up Service User Manual Installation guide Pre-installed whips

General

Number of power module	3
Number preinstalled power module	2
Number of power module free slots	0
Number of power module filled slots	0
Redundant	No

Physical

Color	Black
Height	81.50 in (207 cm)
Width	24.02 in (61 cm)
Depth	35.51 in (90.2 cm)
Net Weight	1806.80 lb(US) (819.55 kg)
USB compatible	No

Input

Input Frequency	50/60 Hz +/- 3 Hz auto-sensing
Number of input connectors	1 Hard Wire 5-wire (3PH + N + G)
Efficiency at full load	177...240 V
Input Power Factor at Full Load	0.99

Output

Max Configurable Power (Watts)	20000 W
Harmonic distortion	Less than 5%
Output frequency	57...63 Hz for 60 Hz nominal sync to mains 60 Hz +/- 0.1 % for 60 Hz nominal not synced
Topology	Double Conversion Online
Waveform Type	Sine wave
Bypass type	Built-in Maintenance Bypass Built-in Static Bypass
Maximum configurable power in VA	20000 VA

Conformance

Standards	CSA C22.2 No.107.3-05 FCC Part 15 class A UL 1778

Environmental

Ambient air temperature for operation	32…104 °F (0…40 °C)
Relative Humidity	0…95 %
Operating altitude	0...10000 ft
Ambient Air Temperature for Storage	5…104 °F (-15…40 °C)
Storage Relative Humidity	0…95 %
Storage altitude	0…50000 ft (0.00…15240.00 m)
Acoustic level	58 dBA
Heat dissipation	5942 Btu/h
NEMA degree of protection	NEMA 1

Batteries & Runtime

Included Battery Modules	2
Battery Slots Empty	2
Typical recharge time	2 h
RBC Quantity	1
Additional information	Configurable for 208 or 240 nominal output voltage
Battery Charge Power (Watts)	2675 W rated
Battery power in VAH	5376 VAh runtime
Battery Life	3…5 year(s)
Replacement battery	SYBT4 ↗
Battery option	SYBT4 1 8064 VAh SYBT4 2 10752 VAh

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SYCFXR8-8 1 29658 VAh
SYCFXR8-8 2 51072 VAh
SYCFXR8-8 3 72576 VAh
SYCFXR8-8 4 94080 VAh

Extendable Run Time	0

Communications & Management

Free slots	2
Pre-Installed SmartSlot™ Cards	Network management card 2 - Masterpack for Symmetra 3-Phase
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

Ordering and shipping details

GTIN	731304218234
Package 1 Weight	1856.89 lb(US) (842.27 kg)

Packing Units

Package 1 Height	90.98 in (231.1 cm)
Package 1 Width	29.49 in (74.9 cm)
Package 1 Length	41.50 in (105.4 cm)

Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
EU RoHS Directive	Compliant EU RoHS Declaration
Optimized Energy Efficiency	Energy efficient product

Contractual warranty

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