Product data sheet

Specifications

InfraStruXure 20kW, 208V

ISX20K20F

Overview

Lead Time	Usually Ships within 3 Weeks

Main

Main Input Voltage	208 V 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

Batteries & Runtime

Run Time	View Runtime Graph
Efficiency	View Efficiency Graph
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 Life	3…5 year(s)
Replacement Battery	SYBT4
Extendable Run Time	0

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

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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 (Sync To Mains)	57...63 Hz for 60 Hz nominal sync to mains 60 Hz +/- 0.1 % for 60 Hz nominal not synced
Topology	Double Conversion Online
Wave 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

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
Emergency Power Off (Epo)	Yes

Ordering and shipping details

Gtin	731304218234

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	90.98 in (231.1 cm)
Package 1 Width	41.50 in (105.4 cm)
Package 1 Length	29.49 in (74.9 cm)
Package 1 Weight	1856.89 lb(US) (842.27 kg)

Contractual warranty

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

Sustainability

Green Premium^{TM} 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-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

Energy Efficient

Resource performance

✓ Energy Efficient Product

Eu Rohs Directive

Compliant

EU RoHS Declaration

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

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