

# Product data sheet

## Characteristics

# ISX20KF

InfraStruXure 20kW, 208V Base Frame w/  
Integrated Sys Bypass Pre-Config w/ 9 Whips.  
No Modules



## Overview

Lead time	Usually Ships within 2 Weeks
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## General

Provided equipment	Installation guide User Manual Web/SNMP Management Card
Number of power module	3
Number preinstalled power module	0
Number of tare power	90 W
Number of power module free slots	0
Number of power module filled slots	0
Size UPS version	Internetworking Server Telecom
UPS size	WS

## Physical

Number of rack unit	42U
Color	Black
Depth	35.51 in (90.2 cm)
Height	81.50 in (207 cm)
Product Weight	891.90 lb(US) (404.56 kg)
Mounting Mode	Not rack-mountable
Width	24.02 in (61 cm)

## 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
Nominal Input Voltage	3 phase
Cos phi	0.99

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## Output

Kw Rating	4200 W
Max Configurable Power (Watts)	20000 W
Harmonic distortion	Less than 5%
Output Frequency (sync to mains)	60 Hz programmable +/- 0.5 / 1 / 2 / 4 / 6 / 8% sync to mains 60 Hz +/- 0.1 % for 60 Hz nominal not synced
Crest factor	2.5 : 1
Waveform Type	Sine wave
Bypass type	Built-in Maintenance Bypass Built-in Static Bypass Optional External Bypass
Efficiency at full load	89 % full load)
Output voltage	120 V 208 V 208 V 3 phase
Maximum configurable power in VA	20000 VA
Rated power in VA	6000 VA

## Conformance

Product Certifications	CSA
Standards	FCC Part 15 class A IEC 61000-3-2 IEC 61000-3-3 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...113 °F (-15...45 °C)
Storage Relative Humidity	0...95 %
Storage altitude	0...50000 ft (0.00...15240.00 m)
Acoustic level	58 dB
Heat dissipation	6345 Btu/h
NEMA degree of protection	NEMA 1

## Batteries & Runtime

Battery Type	Lead-Acid battery
Included Battery Modules	0
Battery Slots Empty	2
Typical recharge time	2.65 h
RBC Quantity	1
Additional information	Configurable for 208 or 240 nominal output voltage
Liquid Electrolyte Value	0
Battery curve	B
Battery Charge Power (Watts)	1011 W rated
Battery power in VAh	2688 VAh runtime
Battery life	3...5 year(s)
Battery option	SYBT4 1 2688 VAh SYBT4 2 5376 VAh SYBT4 1 8064 VAh SYBT4 2 10752 VAh SYCFXR8-8 3 29658 VAh SYCFXR8-8 4 51072 VAh SYCFXR8-8 72576 VAh SYCFXR8-8 94080 VAh

## Communications & Management

Free slots	2
Pre-Installed SmartSlot® Cards	Network management card
Control panel	LED status display with load and battery bar-graphs and On Line : On Battery : Replace Battery : Overload and Bypass Indicators
Audible Alarm	Alarm when on battery : distinctive low battery alarm : configurable delays
Emergency Power Off (EPO)	Yes

## Ordering and shipping details

GTIN	00731304218241
Package weight(Lbs)	1192.48 lb(US) (540.9 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

EU RoHS Directive	Compliant  <a href="#">EU RoHS Declaration</a>
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## Contractual warranty

Warranty	1 year repair or replace, optional extended warranties available, optional on-site warranties available
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