

Product datasheet

Specifications



GUTOR PXC IEC 80kVA, 3:3 400/400V, IP42, No Transformer, unitary or parallel redundant on option

GUPXC80H2

Overview

Presentation High performance, compact 3 phase UPS power protection fully standardized for heavy industrial applications and harsh environments. Available in 3:3 and 3:1 configurations.

Lead time Usually Ships within 6 Weeks

Main

Main Input Voltage 400 V 3 phases

Other Input Voltage 400 V

Main Output Voltage 400 V 3 phases

Other Output Voltage 400 V

Rated power in W 64000 W

Rated power in VA 80000 VA

Output connector type Hard wire 5-wire (3P + N + E) 1

Battery type External battery system

Provided equipment Dust filter
Installation guide
Network management card
User manual

General

Bypass wiring configuration 5 wire (3P + N + E)

Bypass voltage tolerance +/- 10 %

Max bypass input current 128 A

Bypass current protection 160 A

Number of power module free slots 0

Number of power module filled slots 0

Redundant No

Physical

Height 210 cm

Width 60 cm

Depth 80 cm

Net weight	460 kg
Mounting preference	No preference
Mounting mode	Not rack-mountable
Two post mountable	0
USB compatible	No

Input

Network frequency	45...65 Hz
Number of input connectors	1 hard wire 5-wire (3P + N + E)
Input voltage limits	360...440 V 400 V
Maximum input current	164 A
Switching current capacity	200 A
Max short time withstand current	65 kA
Input harmonic distortion	Less than 5 % for full load
Input protection type	Upstream protection according to source
Input current	164 A per phase (3 phases)
Load power factor	0.5 leading to 0.5 lagging without derating
Input Power Factor at Full Load	0.98

Output

Maximum configurable power in W	64000 W
Harmonic distortion	Less than 5 %
Output frequency	50/60 Hz +/- 1 Hz sync to mains 60 Hz +/- 0.1 % for 60 Hz nominal unsynchronised 50 Hz +/- 0.1 % for 50 Hz nominal unsynchronised
Crest factor	Unlimited
UPS type	Double conversion online
Wave type	Sine wave
Output voltage tolerance	+/- 1 %
Output harmonic distortion	< 2% at 100% linear load and < 5% at 100% non-linear load
Output overload operation	10 minutes at 125% and 60 seconds at 150%
Required output current protection	160 A
Neutral output current	115 A
Bypass type	Built-in bypass
Efficiency	94.6 % (full load) 94.9 % (half load) 93.9 % (in battery operation)
Maximum configurable power in VA	80000 VA

Conformance

Product certifications	CE
Marking	CE Mark
Standards	IBC 2012 IEC 62040-1-1 IEC 62040-2 IEC 62040-3

Environmental

Ambient air temperature for operation	-10...40 °C
Relative humidity	0...95 % non-condensing
Operating altitude	0...10000 ft
Ambient air temperature for storage	-30...70 °C
Storage Relative Humidity	0...95 % non-condensing
Storage altitude	0.00...4572.00 m
Acoustic level	65 dBA
Heat dissipation	12539 Btu/h
IP degree of protection	IP42 with air filter

Batteries & Runtime

Number of battery filled slots	0
Number of battery free slots	0
Max current discharge	208 A
Battery power in VAH	0 VAh runtime
Extended runtime	0

Communications & Management

Free slots	1
Preinstalled device	Network management card 2 with environmental monitoring, out of band access and Modbus
Control panel	Multifunction LCD status and control console
Alarm	Audible and visible alarms : prioritized by severity
Emergency power off	Yes

Packing Units

Unit Type of Package 1	Db
Number of Units in Package 1	1
Package 1 Height	230.0 cm
Package 1 Width	82.0 cm
Package 1 Length	108.2 cm
Package 1 Weight	536.61 kg

Contractual warranty

Warranty	1 year on-site repair or replace with factory authorized Start-Up
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Recommended replacement(s)