



Overview

Presentation	Highly efficient, easy-to-deploy 120kW, 480V 3-phase UPS that brings best-in-class power protection and low total cost of ownership to edge, small and medium data centers, as well as to critical infrastructure in commercial and industrial applications. Includes 5x8 start-up service.
Lead time	Usually Ships within 2 Weeks

Main

Main Input Voltage	3 phase
Main Output Voltage	480 V 3 phase
Other Output Voltage	380 V 415 V
Kw Rating	120 kW
Rated power in VA	120 kVA
Battery Type	External battery system Li-Ion (Lithium Ion) VRLA
Provided equipment	Dust filter EcoStruxure IT ready (UPS) Installation guide Integrated network management Power modules ship installed Start-Up Service

General

Bypass Voltage Tolerance	+/- 10 %
Redundant	No

Physical

Color	White
Height	58.46 in (148.5 cm)
Width	20.51 in (52.1 cm)
Depth	33.35 in (84.7 cm)
Net Weight	612.89 lb(US) (278 kg)
USB compatible	No

Input

Input Frequency	40 - 70 Hz
Efficiency at full load	408...552 V 480 V
Maximum Input Current per Phase	179 A
Maximum Short Circuit Withstand (Icw)	65 kA
Input Total Harmonic Distortion	Less than 5% for full load
Load power factor	From 0.7 leading to 0.7 lagging without any derating

Output

Max Configurable Power (Watts)	120 kW
Output Frequency (sync to mains)	50 Hz sync to mains 60 Hz sync to mains 50 Hz +/- 0.1 % for 50 Hz nominal not synced 60 Hz +/- 0.1 % for 60 Hz nominal not synced
Crest factor	2.5
Waveform Type	Sine wave
Output voltage tolerance	+/-1% after 50ms
Overload Operation	10 minutes @ 125% and 60 seconds @ 150%
Bypass type	Built-in Static Bypass
Maximum configurable power in VA	120 kVA

Conformance

Product Certifications	ENERGY STAR V2.0 (USA)
Standards	IEC 62040-1-1 IEC 62040-2 UL 1778 5th edition FCC Part 15 class A IEC 60721-4-2 Level 2M2 UL 924 Listed

Environmental

Ambient Air Temperature for Operation	32...104 °F (0...40 °C)
Relative Humidity	0...95 % non-condensing
Operating altitude	0...3300 ft
Ambient Air Temperature for Storage	-13...131 °F (-25...55 °C)
Storage Relative Humidity	Non-condensing 10...80 %
Acoustic level	64 dBA
Heat dissipation	11152 Btu/h
IP degree of protection	IP21

Batteries & Runtime

Battery Voltage	480-576VDC
End of Discharge Battery Voltage	384 V DC
End of Discharge Maximum Battery Current	325 A

Communications & Management

Free slots	1
Control panel	Touch Screen LCD User Interface
Audible Alarm	Audible and visible alarms prioritized by severity

Ordering and shipping details

GTIN	731304418436
Package weight(Lbs)	694.46 lb(US) (315 kg)

Packing Units

Package 1 Height	66.14 in (168 cm)
Package 1 width	25.20 in (64 cm)
Package 1 Length	38.98 in (99 cm)

Offer Sustainability

Sustainable offer status	Green Premium product
ENERGY STAR®	 ENERGY STAR UPS V2.0 (USA)
REACH Regulation	 REACH Declaration
EU RoHS Directive	Compliant  EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	 Yes
China RoHS Regulation	 China RoHS Declaration
Environmental Disclosure	 Product Environmental Profile
Circularity Profile	 End Of Life Information
Optimized Energy Efficiency	Energy efficient product
Take-back	Take-back program available

Contractual warranty

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