



Overview

Presentation	Highly efficient, easy-to-deploy 80kW, 400V 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 and one additional power module for N+1 redundancy.
Lead time	Usually Ships within 2 Weeks

General

Provided equipment	Dust filter EcoStruxure IT ready (UPS) Installation guide Integrated network management Power modules ship installed Start-up service
Bypass voltage tolerance	+/- 10 %
Redundant	Yes
UPS size	WS

Physical

Surface finish	Gloss level 85%
Colour	White (RAL 9003)
Depth	84.7 cm
Height	148.5 cm
Net weight	290 kg
Width	52.1 cm

Input

Network frequency	40...70 Hz
Input voltage limits	340...460 V 400 V

Inputvolt_other	380 V 415 V
Maximum input current	144 A
Max short time withstand current	65 kA
Input harmonic distortion	Less than 3 % for full load
Input voltage	400 V 3 phases
Load power factor	From 0.7 leading to 0.7 lagging without any derating

Output

Rated power in W	80000 W
Maximum configurable power in W	80000 W
Output frequency	50 Hz sync to mains 60 Hz sync to mains 50 Hz +/- 0.1 % for 50 Hz nominal unsynchronised 60 Hz +/- 0.1 % for 60 Hz nominal unsynchronised
Crest factor	2.5
UPS type	Double conversion online
Wave type	Sine wave
Output voltage tolerance	+/-1% after 50ms
Output harmonic distortion	< 1% linear load and < 5% non-linear load
Output overload operation	10 minutes at 125% and 60 seconds at 150%
Bypass type	Built-in static bypass
Curve equation	Efficiency
Curve load maximum	100 %
Curve X-axis maximum	100 %
Curve X-axis minimum	0 %
Curve X-axis title	Load
Curve X-axis units	Percentage
Curve Y-axis maximum	100 %
Curve Y-axis minimum	50 %
Curve Y-axis title	Efficiency
Curve Y-axis units	Percentage
Graph display	1
Output voltage	400 V 3 phases
Maximum configurable power in VA	80000 VA
Rated power in VA	80000 VA

Conformance

Standards	EN/IEC 62040-1 EN/IEC 62040-2 FCC part 15 class A IEC 60721-4-2 level 2M2 UL 1778 5th edition
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Environmental

Ambient air temperature for operation	0...40 °C
Relative humidity	0...95 % non-condensing
Operating altitude	0...3300 ft
Ambient air temperature for storage	-25...55 °C
Storage Relative Humidity	10...80 % Non-condensing
Acoustic level	68 dBA
Heat dissipation	8394 Btu/h
Show note OP temperature	No
IP degree of protection	IP21

Batteries & Runtime

Battery type	External battery system
Battery voltage	384...576 V DC
Discharge battery voltage	307 V DC
Max current discharge	217 A
Battery curve	B

Communications & Management

Control panel	Touch screen LCD user interface
Alarm	Audible and visible alarms prioritized by severity

Packing Units

Package 1 Weight	315 kg
Package 1 Height	168 cm
Package 1 width	64 cm
Package 1 Length	99 cm

Offer Sustainability

Sustainable offer status	Green Premium product
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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