



Overview

Presentation	Easy-to-install, easy-to-connect, easy-to-use, and easy-to-service 120 kVA 3 phase UPS with advanced product features, robust electrical specifications and compact design making your business continuity easy. Ideal for small and medium data centers and other business critical applications, this UPS is EcoStruxure-ready to give you peace of mind with cloud-based remote monitoring and management. It is supplied without batteries, so you can easily customize your battery solution. Includes 5x8 start-up service.
Lead time	Usually Ships within 6 Weeks

General

Provided equipment	Dust filter Installation guide Start-up service
UPS size	WS

Physical

Colour	White (RAL 9003)
Depth	85 cm
Height	130 cm
Net weight	193 kg
USB compatible	Yes
Width	50 cm

Input

Network frequency	40...70 Hz
Input voltage limits	342...477 V
Inputvolt_other	380 V 415 V
Maximum input current	207 A
Max short time withstand current	10 kA
Input harmonic distortion	Less than 3 % for full load
Input voltage	400 V 3 phases
Load power factor	0.5 leading to 0.5 lagging without derating

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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Output

Rated power in W	120000 W
Maximum configurable power in W	120000 W
Harmonic distortion	Less than 3 %
Output frequency	50 Hz sync to mains 60 Hz sync to mains
Outputvoltage_other	380 V 415 V
UPS type	Double conversion online
Wave type	Sine wave
Output voltage tolerance	+/- 1 %
Output harmonic distortion	< 3% linear load and < 5% non-linear load
Output overload operation	10 minutes at 125% and 60 seconds at 150%
Curve equation	Efficiency
Curve fixed loss	0.0044
Curve load maximum	100 %
Curve load minimum	1 %
Curve proportional loss	0.0252
Curve square loss	0.0254
Curve X-axis maximum	100 %
Curve test cond ID	Curve fit to measured efficiency data. All measurements taken in normal operating mode, at typical environmental conditions, with 400V 50Hz input and 400V 50Hz balanced resistive load (PF = 1.0) output.
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	120000 VA
Rated power in VA	120000 VA

Conformance

Standards	EN/IEC 62040-1 IEC 62040-2 IEC 62040-3 IEC 62040-4
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Environmental

Ambient air temperature for operation	0...40 °C
Relative humidity	0...95 % non-condensing
Operating altitude	0...4921 ft
Ambient air temperature for storage	-25...55 °C
Storage Relative Humidity	Non-condensing 0...95 %
Storage altitude	0.00...15240.00 m
Acoustic level	72 dBA
Heat dissipation	20473 Btu/h
Show note OP temperature	No
IP degree of protection	IP20

Batteries & Runtime

Battery type	External battery system
Number of battery filled slots	0
Number of battery free slots	0
Liquid value	0
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	223 kg
Package 1 Height	150 cm
Package 1 width	62.5 cm
Package 1 Length	97.5 cm

Offer Sustainability

EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes

Contractual warranty

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