



General

Provided equipment	Dust filter Installation guide Integrated network management Power modules ship installed Start-up service Top and bottom cable entry
Bypass voltage tolerance	+/- 10 %
Max bypass input current	30 A

Physical

Surface finish	Gloss level 85%
Colour	White (RAL 9003)
Depth	84.7 cm
Height	148.5 cm
Net weight	210 kg
Width	52.1 cm

Input

Network frequency	40...70 Hz
Number of input connectors	1 hard wire 4-wire (3P + E) 1 hard wire 5-wire (3P + N + E)
Input voltage limits	408...552 V 480 V
Maximum input current	31 A
Input harmonic distortion	Less than 3 % for full load
Input voltage	480 V 3 phases

Output

Rated power in W	20000 W
Maximum configurable power in W	20000 W
Harmonic distortion	Less than 3 %
Output frequency	50 Hz sync to mains 60 Hz sync to mains

	60 Hz +/- 0.1 % for 60 Hz nominal unsynchronised 50 Hz +/- 0.1 % for 50 Hz nominal unsynchronised
Crest factor	2.5
UPS type	Double conversion online
Wave type	Sine wave
Output connector type	Hard wire 4-wire (3P + E) 1 Hard wire 5-wire (3P + N + E) 1
Output voltage tolerance	+/-1% after 50ms
Output harmonic distortion	< 1% linear load and < 3% non-linear load
Output overload operation	10 minutes at 125% and 60 seconds at 150%
Bypass type	Built-in static bypass
Output voltage	480 V 3 phases

Conformance

Product certifications	ENERGY STAR V2.0 (USA)
Standards	CSA C22.2 No 107.3 FCC part 15 class A IEC 62040-3 IEC 60721-4-2 level 2M2 UL 1778 5th edition

Environmental

Ambient air temperature for operation	0...40 °C
Relative humidity	0...95 %
Operating altitude	0...3281 ft
Ambient air temperature for storage	-25...55 °C
Storage altitude	0.00...15240.00 m
Acoustic level	61 dBA
Heat dissipation	2187.8 Btu/h
IP degree of protection	IP21

Batteries & Runtime

Battery type	External battery system
Number of battery filled slots	0
Number of battery free slots	0
Liquid value	0
Battery voltage	384...576 V DC
Discharge battery voltage	307 V DC
Maximum short-circuit current	65 kA
Max current discharge	68 A

Communications & Management

Free slots	1
Control panel	Touch screen LCD user interface
Alarm	Audible and visible alarms prioritized by severity

Offer Sustainability

EU RoHS Directive	Under investigation
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Contractual warranty

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