



Commercial status

Discontinued on: 03 December 2020

⚠ To be discontinued

Overview

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| Presentation | A versatile 3-phase UPS for facility, industrial and data center applications. Configurable system with a comprehensive range of accessories to meet your application demands. |
| Lead time | Usually Ships within 2 Weeks |

General

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|-------------------------------------|---|
| Provided equipment | Installation guide User manual |
| Bypass voltage tolerance | +/- 10 % settable from +/- 4/6/8 and 10 % |
| Max bypass input current | 101 A |
| Performance multiplier | 1 |
| Number of power module free slots | 0 |
| Number of power module filled slots | 0 |
| Redundant | No |
| UPS size | WS |
| Value multiplier | 1 |

Physical

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|---------------------|--------------------|
| Colour | Charcoal |
| Depth | 84.8 cm |
| Height | 190 cm |
| Mounting preference | No preference |
| Net weight | 400 kg |
| Mounting mode | Not rack-mountable |
| Two post mountable | 0 |
| USB compatible | No |
| Width | 71.2 cm |

Input

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|----------------------------|-----------------------------|
| Network frequency | 45...65 Hz |
| Number of input connectors | 1 hard wire 4-wire (3P + E) |
| Input voltage limits | 340...460 V 400 V |

408...538 V

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|----------------------------------|--|
| Inputvolt_other | 380 V 400 V 415 V |
| Maximum input current | 115 A |
| Switching current capacity | 125 A |
| Max short time withstand current | 20 kA |
| Input harmonic distortion | Less than 3 % for full load |
| Input protection type | 3-pole circuit breaker |
| Input voltage | 400 V 3 phases 480 V 3 phases 600 V 3 phases |
| Load power factor | 0.9 |
| Cos phi | 1 |

Output

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|------------------------------------|--|
| Rated power in W | 54000 W |
| Maximum configurable power in W | 54000 W |
| Harmonic distortion | Less than 2 % |
| Output frequency | 50 Hz programmable +/- 0.5 / 1 / 2 / 4 / 6 / 8 % sync to mains 60 Hz +/- 0.1 % for 60 Hz nominal unsynchronised 50 Hz +/- 0.1 % for 50 Hz nominal unsynchronised |
| Outputvolt_other | 208 V 220 V 380 V 415 V |
| Crest factor | 3 : 1 |
| 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 | +/- 2% static and 100% load step |
| Output harmonic distortion | < 1% linear load and < 2.5% non-linear load |
| Output overload operation | 10 minutes at 125% and 60 seconds at 150% |
| Required output current protection | 87 A |
| Bypass type | Internal bypass (automatic and manual) Optional external bypass |
| Curve equation | Efficiency |
| Curve fixed loss | 0.0416 |
| Curve load maximum | 100 % |
| Curve load minimum | 5 % |
| Curve proportional loss | 0.0275 |
| Curve square loss | 0.0287 |
| 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 nominal electrical input and balanced PF = 0.8 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 |
| Maximum output current | 240 A |
| Output voltage | 400 V 3 phases 480 V 3 phases |

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|----------------------------------|----------------|
| | 600 V 3 phases |
| Maximum configurable power in VA | 60000 VA |
| Rated power in VA | 60000 VA |

Conformance

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|------------------------|--|
| Product certifications | CUL listed CE FCC part 15 class A LCIE TÜV UL 1778 VDE |
| Standards | EN/IEC 62040-3 IEC 60950 IEC 61000-3-2 IEC 61000-3-3 IEC 62040-1-2 IEC 62040-2 ISO 14001 ISO 9001 |

Environmental

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|---------------------------------------|------------------|
| Ambient air temperature for operation | 0...40 °C |
| Relative humidity | 0...95 % |
| Operating altitude | 0...3333 ft |
| Ambient air temperature for storage | -20...45 °C |
| Storage altitude | 0.00...9144.00 m |
| Acoustic level | 66 dBA |
| Heat dissipation | 16720 Btu/h |
| Show note OP temperature | No |

Batteries & Runtime

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|--------------------------------|--|
| Battery type | External battery system |
| Number of battery filled slots | 0 |
| Number of battery free slots | 0 |
| Additional information | Configurable for 380 : 400 or 415 V 3 Phase nominal output voltage |
| Liquid value | 0 |
| Battery curve | B |
| Battery power in VAh | 0 VAh runtime |
| Extended runtime | 0 |

Communications & Management

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|---------------------|--|
| Free slots | 3 |
| Control panel | Multifunction LCD status and control console |
| Emergency power off | Optional |

Packing Units

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|------------------|--------|
| Package 1 Weight | 420 kg |
| Package 1 Height | 203 cm |
| Package 1 width | 98 cm |
| Package 1 Length | 96 cm |

Offer Sustainability

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|-------------------|---|
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
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Contractual warranty

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| Warranty | 1 year on-site repair or replace with factory authorized Start-Up, 1 year (parts only) |
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