



Technical specifications

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General data

System power range (KVA)	10-40; 60-80; 100-120; 160; 200-300; 400-500;
Active power / frame (kW)	10/15/20/30/40; 54/72; 90/108; 144; 180/225/270; 360/450
UPS output rated PF	0.9
Max no of parallel frames	Up to 6 frames
Max system power	Up to 30 modules
Max system power	3000 kW
Wiring	3ph + N + PE
UPS type	Three-phase standalone
Topology	Online double conversion

Input

Nominal input voltage	3 x 380/400/415 V + N
Voltage range	340-460 V
Frequency range	45-66 Hz
Current THD at 100% load	< 3%
Power Factor at 100% load	≥ 0.99

Output

Rated output voltage (load dependent)	3 x 380/400/415 V + N
Voltage THD (with linear load)	<2% linear load, <3% nonlinear load (EN 62040)
Rated frequency	50/60 Hz

Efficiency

Double conversion	Up to 92.3%	Up to 91.9%	Up to 92.1%	Up to 94.2%	Up to 94.6%	Up to 94.2%
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Eco-mode	Up to 98%	Up to 97.9%	Up to 97.9%	Up to 98.4%	Up to 98.5%	Up to 98.7
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Communications

User interface	Multilingual graphic display (LCD)
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Communication ports	RS232, SNMP (Modbus IP, RS232, RS485 & BacNet IP)
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Software	Monitoring and shutdown software available as option
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