



PowerWave 33 technical specifications

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General data

System power range	160 kW – 5000 kW
UPS frame rated power	160 / 200 / 250 / 300 / 400 / 500 kW
UPS output rated PF	1.0
Max. no of parallel frames	Up to 10 units
Wiring	3ph + N + PE
UPS type	Standalone tower
Topology	True online double conversion

Input

Nominal input voltage	220/380, 230/400, 240/415 VAC
Voltage range	150/204 - 264/460 VAC (load dependent)
Frequency range	35-70 Hz
Current THD at 100% load	≤ 3.5-4 %
Power Factor at 100% load	0.99

Output

Rated output voltage	220/380, 230/400, 240/415 VAC
Voltage THD (with linear load)	<2%
Frequency	50 or 60 Hz (selectable)

Efficiency

Online double conversion	Up to 96%
Eco-mode	99%

Communications

User interface	Graphical touch screen (optional on 60-200 kW) LCD + mimic diagram (on 60-200 kW only)
Communication ports	USB, RS-232, SNMP slot, potential-free contacts
Software	Monitoring and shutdown software available as option

Compliance

Safety	IEC/EN 62040-1
EMC	IEC/EN 62040-2
Performance	IEC/EN 62040-3
Manufacturing	ISO 9001:2008, ISO 14001:2004

Technical specifications are subject to change without notice.

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