



DPA UPScale ST S2 technical specifications

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General data

System power range	10 kW – 200 kW
UPS module rated power	10 / 20 kW
UPS frame rated power	80 / 60 / 120 / 200 kW
UPS output rated PF	1.0
Max.power per frame	200 kW / 10 modules
Max no. of parallel modules across frames	20 modules / up to 4 frames
Wiring	3ph + N + PE
UPS type	Modular (DPA)
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 %
Power Factor at 100% load	≥ 0.99

Output

Rated output voltage	220/380, 230/400, 240/415 VAC
Voltage THD (with linear load)	< 1.5 %
Frequency	50 or 60 Hz (selectable)

Efficiency

Online double conversion	Up to 96%
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Eco-mode	98%
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Communications

User interface module level	LCD control panel + mimic diagram
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User interface system level	Graphical display (option)
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Communication ports	USB, RS-232, SNMP slot, potential-free contacts
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Software	Monitoring and shutdown software available as option
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Compliance

Safety	IEC/EN 62040-1
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EMC	IEC/EN 62040-2
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Performance	IEC/EN 62040-3
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Manufacturing	ISO 9001:2008, ISO 14001:2004
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Technical specifications are subject to change without notice.

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