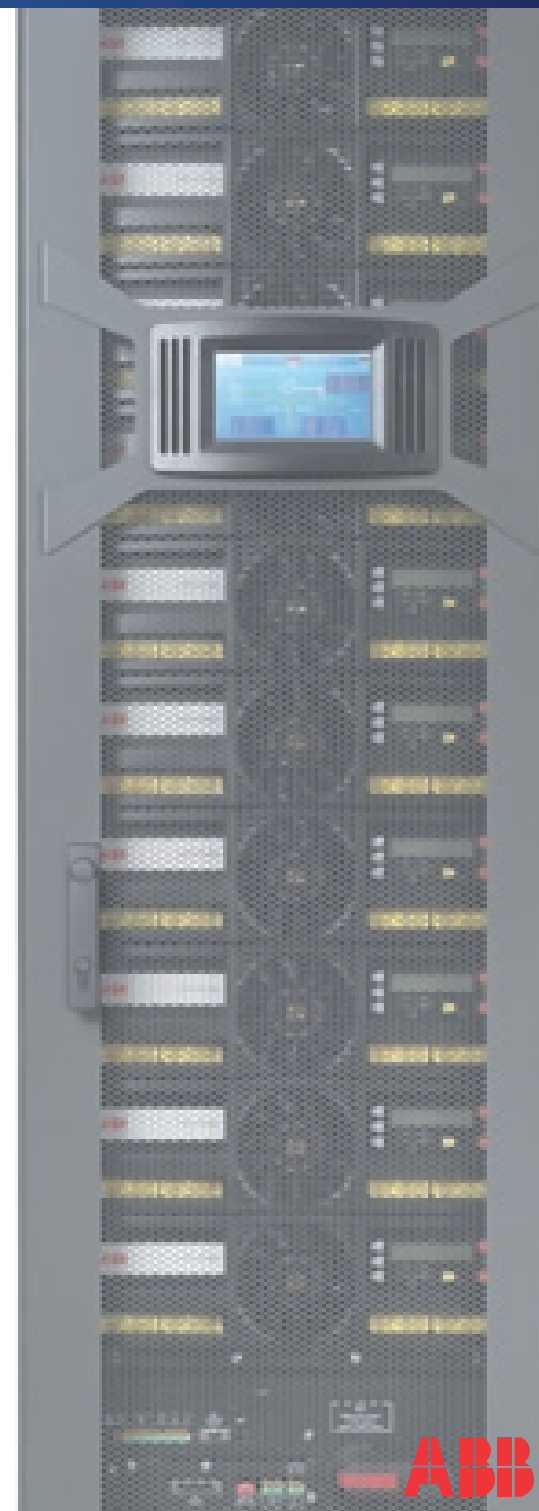
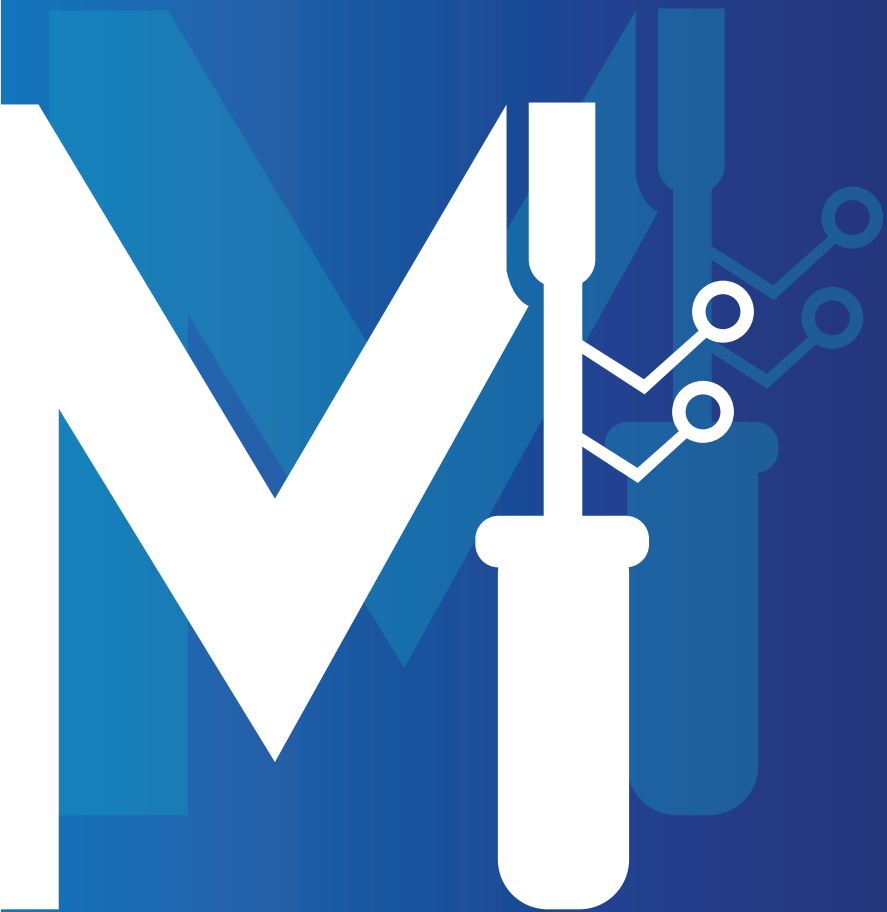




DPA UPSCALE ST S2 ABB



Model		DPA UPScale ST ABB				
Capacity (VA/W)	HPM Module	40KVA/40KW	60KVA/60KW	80KVA/80KW	120KVA/120KW	200KVA/200KW
General Data	System power range	10–400 kW				
	Nominal power module	10 kW / 20 kW				
	Number of modules	From 1 to 2	From 1 to 3	From 1 to 4	From 1 to 6	From 1 to 10
	Max. number of batteries (7/9 Ah)	80	240			
	Output power factor	1.0				
	Topology	On-line double conversion				
Input	Nominal input voltage	3 × 380 / 220 V + N, 3 × 400 / 230 V + N, 3 × 415 / 240 V + N				
	Voltage tolerance (referred to 3 × 400/230 V)	For loads <100% (-20%, +15%), <80% (-25%, +15%), <60% (-35%, +15%)				
	THDi input distortion	≤3%				
	Frequency	35–70 Hz				
	Power factor	0.99				
Output	Rated output voltage	3 × 380 / 220 V + N, 3 × 400 / 230 V + N, 3 × 415 / 240 V + N				
	Strain distortion (referred to 3 × 400/230 V)	<1.5%				
	Frequency	50 Hz o 60 Hz				
	Overload capacity	1 min :: up to 150% / 10 min :: up to 125%				
	Allowable load unbalance	100% (each phase is regulated independently)				
	Crest factor	3: 1 (load supported)				
Performance	Overall performance	Up to 96%				
	ECO mode	98%				
Environment	Storage temperature	-25 ° C to +70 ° C				
	Operating temperature	0 ° C a +40 ° C				
	Altitude	< 1000m				
Communication Interface	LCD	Yes (per module); optional system display				
	LED	LED for notification and alarm				
	Communication ports	ISO 9001:2015, ISO 14001:2015, OHSAS18001				
Safety	Safety Conformance	EN 62040-1-1, EN 60950-1				
Physical	Weight (with modules / without batteries)	135 kg	238 kg	168 kg	262 kg	389 kg
	Unit Dimensions (W * H * D) mm	550 × 1135 × 775	550 × 1975 × 775	550 × 1135 × 775	550 × 1975 × 775	550 × 1975 × 775



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