



## BLUEWAVE technical data\*

Rated Compensation Current	30 A 3-wire	50 A 3-wire	100 A 3-wire	100/300 A 4-wire*) <sup>1</sup>	200 A 3-wire*	250 A 3-wire*	300 A 3-wire*
					200/600 A 4-wire*) <sup>1</sup>	250/750 A 4-wire*) <sup>1</sup>	300/900 A 4-wire*) <sup>1</sup>
Switching frequency	16 kHz						
Overload capability	75 A for 10 ms	125 A for 10 ms	250 A for 10 ms	250 A for 10 ms	500 A for 10 ms	625 A for 10 ms	750 A for 10 ms
Cooling type	Air cooling				Air cooling (internal liquid cooling)		
Ambient temperature	40° C, derating up to 55° C, 2%/K						
Parallel operation	Parallel operation of 5 units						
Interfaces	Ethernet, RS485, ModBus						
Power loss	< 900W	< 1300W	< 2200W	< 2200W	< 5000W	< 5900W	< 7500W
Cooling air displacement (fan)	< 350 m <sup>3</sup> /h	< 550 m <sup>3</sup> /h	< 1400 m <sup>3</sup> /h	< 1400 m <sup>3</sup> /h	< 2600 m <sup>3</sup> /h	< 3100 m <sup>3</sup> /h	< 3600 m <sup>3</sup> /h
Noise level (1 m)	60 dBA	60 dBA	68 dBA	69 dBA	70 dBA	70 dBA	70 dBA
Filter performance	Up to H50						
Altitude	1,000 m / derating up to 4,000 m, 1% / 100m						
Mains voltage	400V ± 10%, 480V ± 10%						
Mains frequency	47 to 63 Hz						
Response time	300 microseconds						
Controller topology	Digital with FFT analysis						
Current limitation	Nominal current						
Current transformer	100:5 to 5000:5 (class 1)						
Dimensions (W x H x D) mm	360 x 610 x 290	360 x 610 x 290	470 x 965 x 425	470 x 1360 x 415	800 x 2100 x 750	800 x 2100 x 750	800 x 2100 x 750
Weight	47 kg	47 kg	80 kg	80 kg	395 kg	395 kg	395 kg
Protection class	Standard IP20, Optional IP54				IP54		
Approval	CE, UL			CE, UL (pending)			

\* Subject to modifications. )<sup>1</sup> 400 V ± 10%

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