

Datasheet Power Converter Battery-to-Grid



	B2G 250	B2G 500	B2G 750	B2G 1000	B2G 1500	B2G 2000	B2G 3000	B2G 4000	B2G 5000	B2G 6000
Rated output power (kW)	250	500	750	1000	1500	2000	3000	4000	5000	6000
Rated output current (A)	235	465	700	930	1395	1865	2795	3725	4655	5585
Rated output frequency (Hz)*	50	50	50	50	50	50	50	50	50	50
Number of DC-Inputs **	1	1	2	2	3	4	6	8	10	12
Total weight (kg)	1800	2000	2200	2400	2800	3600	4800	6200	7600	8800
Number of cabinet units	1	1	1	1	1	1	1	2	2	2
Dimensions (WxDxH) in mm	W 2400	W 2400	W 3000	W 3000	W 3400	W 4200	W 4800	W 4200	W 4800	W 4800
	D 600	D 600	D 600	D 600	D 600	D 600	D 600	D 600	D 600	D 600
	H 2200	H 2200	H 2200	H 2200	H 2200	H 2200	H 2200	H 2200	H 2200	H 2200
Rated output voltage AC	620 V									
Range input voltage DC	200 ... 1200 V DC									
Power factor range	0.9 cap ... 0.9 ind									
Total harmonic distortion	< 3%									
Maximum efficiency	> 98%									
Principle	IGBT									
IGBT switching frequency (kHz)	2 ... 4 kHz									
Protection class	IP 54									
Temperature range	-20°C ... +50°C									
Cooling principle	liquid cooling									
Operating pressure cooling system	3 bar									
Main controller	Siemens Simotion P320-4									
Internal communication bus	Profinet									
External communication interfaces	Ethernet / TCP/IP									

Version 1.3 / 12-17

* data sheet for 60 Hz on request

** project-specific DC-Inputs possible

We reserve the right to modify technical specifications without prior notice.

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