

Datasheet STATCOM Converter



	STC 1000	STC 2000	STC 3000	STC 4000	STC 5000	STC 6000
Rated output power (kVA)	1000	2000	3000	4000	5000	6000
Rated output current (A)	930	1865	2795	3725	4655	5585
Rated output frequency (Hz)*	50	50	50	50	50	50
Weight (kg)	2400	3600	4800	6200	7600	8800
Number of cabinet units	1	1	1	2	2	2
Dimensions (WxDxH) in mm	W 3000	W 4200	W 4800	W 4200	W 4800	W 4800
	D 800	D 800	D 800	D 800	D 800	D 800
	H 2200	H 2200	H 2200	H 2200	H 2200	H 2200
Rated output voltage (V)	620					
Power factor range	0.0 ... 1.0 cap / 0.0 ... 1.0 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					

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* datasheet for 60 Hz on request

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

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