



Frequency: 47 - 65 Hz
 Output voltage: **220 V ± 1.5 %**
 Admitted load unbalance: up to 100 %
 Efficiency: > **95**
 Ambient temperature: -5 up to +45 C
 Storage temperature: -15 up to +60 C
 Response time: 0.05 - 0.07 s/V

Nominal Input Voltage: **220 V**
 Admitted load variation: 0 - 100 %
 Mains waveform distortion increment: < 0.2 %
 Natural air circulation (power over 40 C)
 Relative humidity: up to 95 %
 Admitted overload: **150% for 30 s**
 Environmental protection: IP21

Technical specifications for CEM series single-phase automatic voltage stabilizers

Input Voltage		220 V ± 10%			220 V ± 15%			220 V ± 20%		
Rating [kVA]	Output current [A]	Max Input current [A]	Cabinet dimensions [mm]	Approx. weight [kg]	Max Input current [A]	Cabinet dimensions [mm]	Approx. weight [kg]	Max Input current [A]	Cabinet dimensions [mm]	Approx. weight [kg]
1	5	5	670x520x420	10	-5	670x520x420	10	6	670x520x420	10
2	9	10	670x520x420	11	11	670x520x420	11	11	670x520x420	11
3	14	15	670x520x420	19	16	670x520x420	19	17	670x520x420	20
4	16	20	670x520x420	20	21	670x520x420	20	23	1110x570x550	32
5	23	25	1110x570x550	28	27	1110x570x550	33	28	1110x570x550	35
7.5	34	38	1110x570x550	33	40	1110x570x550	39	43	1110x570x550	44
10	45	50	1110x570x550	35	54	1110x570x550	44	57	1110x570x550	52
15	68	75	1110x570x550	44	80	1110x570x550	53	85	1280x650x685	96
20	91	101	1110x570x550	50	107	1280x650x685	84	114	1280x650x685	110
25	114	126	1110x570x550	53	134	1280x650x685	105	142	1280x650x685	125
30	136	151	1110x570x550	55	160	1280x650x685	110	170	1280x650x685	143