

SIMOVERT MASTERDRIVES Vector Control

6SE70 Compact- and Chassis Units

Self-commutated rectifier / regenerative Active Front End AFE

Selection- and ordering data

Rated rectifier / regenerative output at $\cos\phi = 1$ and 400V supply voltage	Type designation power	Shorttime rectifier / regenerative output at $\cos\phi = 1$ and 400V supply voltage	Rated input current 3AC from/to supply	Base load input current 3AC from/to supply	Shorttime input current 3AC from/to supply	AFE- inverter with CUSA control board 6SE7090-0XX84-0BJ0	Power losses	Dimensions Unit measurements	Dimension drawing, see Section 7	Weight approx.	Cooling air requirement	Sound pressure level with standard protection degree IP20/IP00 50Hz db (A)
Prat	Ptyp	Pmax	Irat	IG	Imax	Order No.	Pv	WxHxD	Nr.	kg	m3/s	
kW	kW	kW	A	A	A		kW	mm				
Supply voltage 3 AC 380V -20% to 460V +5%												
400V												
6,8	4	11	10,2	9,2	16,3	6SE7021-0EA81	0,14	90 x 425 x 350	6	8	0,009	60
9	5,5	14	13,2	11,9	21,1	6SE7021-3EB81	0,18	135 x 425 x 350	6	12	0,022	60
12	7,5	19	17,5	15,8	28,0	6SE7021-8EB81	0,24	135 x 425 x 350	6	12	0,022	60
17	11	27	25,5	23,0	40,8	6SE7022-6EC81	0,34	180 x 600 x 350	6	24	0,028	60
23	15	37	34	31	54	6SE7023-4EC81	0,46	180 x 600 x 350	6	24	0,028	60
32	22	51	47	42	75	6SE7024-7ED81	0,63	270 x 600 x 350	6	35	0,054	65
40	30	63	59	53	94	6SE7026-0ED81	0,79	270 x 600 x 350	6	35	0,054	65
49	37	78	72	65	115	6SE7027-2ED81	0,98	270 x 600 x 350	6	35	0,054	65
63	45	100	92	83	147	6SE7031-0EE80	1,06	270 x 1050 x 365	8	55	0,10	69
85	55	135	124	112	198	6SE7031-2EF80	1,44	360 x 1050 x 365	8	65	0,14	70
100	75	159	146	131	234	6SE7031-5EF80	1,69	360 x 1050 x 365	8	65	0,14	70
125	90	200	186	167	298	6SE7031-8EF80	2,12	360 x 1050 x 365	8	65	0,14	70
143	110	228	210	189	336	6SE7032-1EG80	2,42	508 x 1450 x 465	8	155	0,31	80
177	132	282	260	234	416	6SE7032-6EG80	3,00	508 x 1450 x 465	8	155	0,31	80
214	160	342	315	284	504	6SE7033-2EG80	3,64	508 x 1450 x 465	8	155	0,41	82
250	200	400	370	333	592	6SE7033-7EG80	4,25	508 x 1450 x 465	8	155	0,41	82
340	250	462	510	459	694	6SE7035-1EJ80	5,78	800 x 1400 x 565	10	250	0,46	79
380	315	517	560	504	762	6SE7036-0EJ80	6,46	800 x 1400 x 565	10	250	0,46	79