



LV7000-5 ... 9

Products for a common DC-bus system

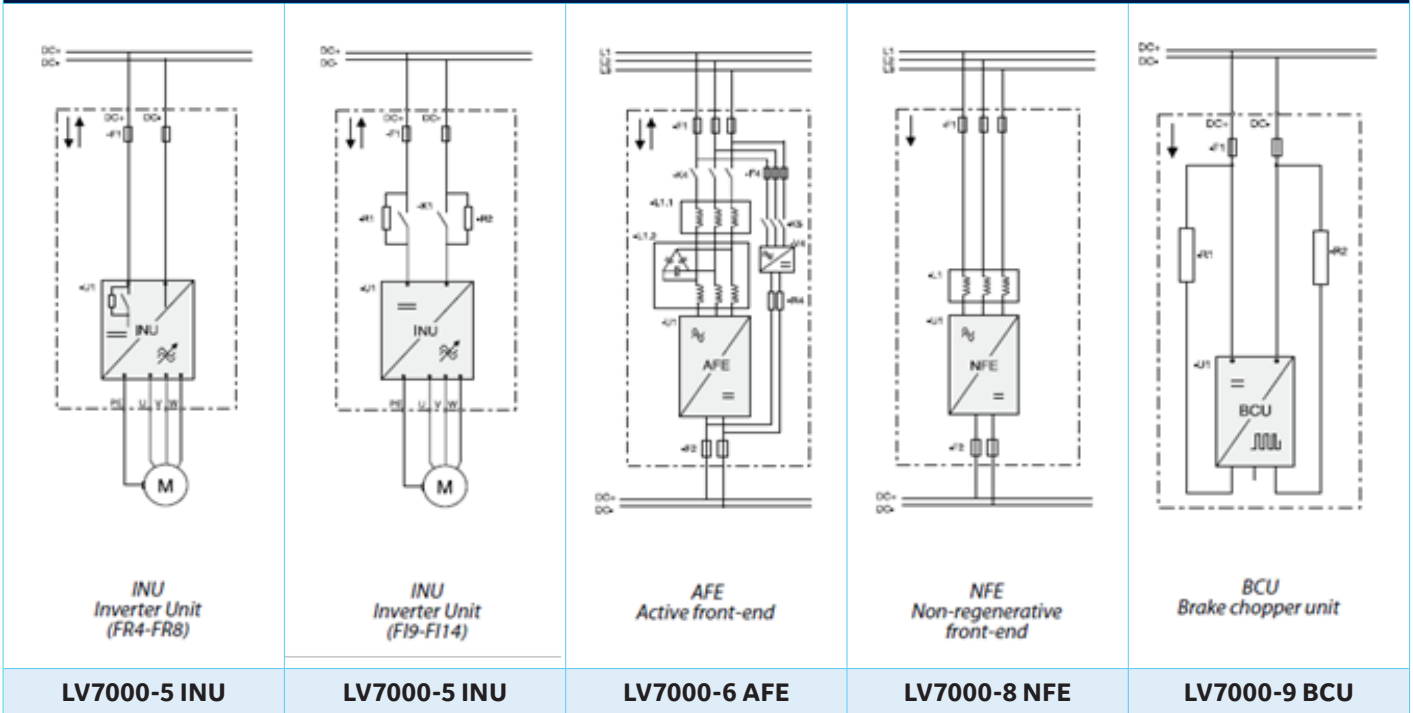
GENERAL DATA		
Supply connection	Input voltage U_{in} (AC) Front-end modules	380-500 VAC / 525-690 VAC -10%...+10% (according to EN60204-1)
	Input voltage U_{in} (DC), Inverter and brake chopper modules	465...800 VDC / 640...1100 VDC. The voltage ripple of the inverter supply voltage, formed in rectification of the electric network's alternating voltage in basic frequency, must be less than 50 V peak-to-peak
	Output voltage U_{out} (AC) Inverter	$3 \sim 0 \dots U_{in} / 1.4$
	Output voltage U_{out} (DC) Active front-end module	$1.10 \times 1.35 \times U_{in}$ (Factory default)
	Output voltage U_{out} (DC) non-regenerative front-end module	$1.35 \times U_{in}$
Control characteristics	Control performance	Open loop vector control (5-150% of base speed): speed control 0.5%, dynamic 0.3%/sec, torque lin. <2%, torque rise time ~5 ms / Closed loop vector control (entire speed range): speed control 0.01%, dynamic 0.2% sec, torque lin. <2%, torque rise time ~2 ms
	Switching frequency	380-500V: 1 ... 16 kHz; Factory default 10 kHz; From NX_0072: 1 ... 6 kHz; Factory default 3.6 kHz 525-690V: 1 ... 6 kHz; Factory default 1.5 kHz
	Field weakening point	8 ... 320 Hz
	Acceleration time	0 ... 3,000 sec
	Deceleration time	0 ... 3,000 sec
Ambient conditions	Braking	DC brake: 30% of TN (without brake resistor), flux braking
	Ambient operating temperature	-10 °C (no frost) ... +40 °C; I_r : -10 °C (no frost) ... +40 °C; 1.5% derating for each 1 °C above 40 °C; Max. ambient temperature +50 °C
	Storage temperature	-40 °C ... +70 °C
	Relative humidity	0 to 95% RH, non-condensing, non-corrosive, no dripping water
	Air quality: chemical vapours/mechanical particles	IEC 721-3-3, unit in operation, class 3C2; IEC 721-3-3, unit in operation, class 3S2
	Altitude	100% load capacity (no derating) up to 1000m; 1.5% derating for each 100m above 1,000m Max. altitudes: 380-500V : 3,000m; 525-690V: 2,000m
	Vibration EN 50178/EN 60068-2-6	FR4-FR8: Displacement amplitude 1mm (peak) at 5...15.8Hz; Max. acceleration 1G at 15.8 ... 150Hz F19-F113: Displacement amplitude 0.25mm (peak) at 5 ... 31Hz; Max. acceleration 1G at 31 ... 150Hz
	Shock EN 50178, EN 60068-2-27	UPS Drop Test (for applicable UPS weights); Storage and shipping: max 15G, 11ms (in package)
	Cooling capacity required	Approximately 2%
	Cooling air required	FR4: 70 m ³ /h, FR6: 425 m ³ /h, FR7: 425 m ³ /h, FR8: 650 m ³ /h, F19: 1,150 m ³ /h, F110: 1,400 m ³ /h, F112: 2,800 m ³ /h, F113: 4,200 m ³ /h
Unit enclosure class	FR8, F19-14 (IP00); FR4-7 (IP21)	
EMC (at default settings)	Immunity	Fulfils all EMC immunity requirements, level T
Safety		CE, UL, CUL, EN 61800-5-1 (2003), see unit nameplate for more detailed approvals
Functional safety *	STO	EN/IEC 61800-5-2 safe torque off (STO) SIL2, EN ISO 13849-1 PL"d" cat. 3, EN 62061: SILCL2, IEC 61508: SIL2
	SS1	EN/IEC 61800-5-2 safe stop 1 (SS1) SIL2, EN ISO 13849-1 PL"d" cat. 3, EN/IEC62061: SILCL2, IEC 61508: SIL2
	ATEX thermistor input	94/9/EC, CE 0537 Ex 11 (2) GD
Control connections	Advance safety option	STO (+SBC), SS1, SS2, SOS, SLS, SMS, SSM, SSR
	Analogue input voltage	0 ... +10V, $R_i = 200 \text{ k}\Omega$, (-10V ... +10V joystick control) Resolution 0.1%, accuracy $\pm 1\%$
	Analogue input current	0(4)...20mA, $R_i = 250 \text{ }\Omega$ differential, resolution 0.1%, accuracy $\pm 1\%$
	Digital inputs	6, positive or negative logic; 18...30VDC
	Auxiliary voltage	+24V, $\pm 15\%$, max. 250 mA
	Output reference voltage	+10V, +3%, max. load 10 mA
	Analogue output	0 (4)...20mA; RL max. 500 Ω , resolution 10-bit, accuracy $\pm 2\%$
	Digital output	Open collector output, 50mA / 48V
	Relay outputs	2 programmable change-over (NO/NC) relay outputs (OPT-A3: NO/NC+NO) Switching capacity: 24VDC/8A, 250 AC/8A, 125VDC/0.4A, Min. switching load: 5V/10mA
	Thermistor input (OPT-A3)	Galvanically isolated, $R_{trip} = 4.7 \text{ k}\Omega$
Protections	Overvoltage protection	380-500V: 911VDC; NX_6: 1,200VDC
	Undervoltage protection	525-690V: 333VDC; NX_6: 460VDC
	Earth fault protection	Yes
	Motor phase supervision	Trips if any of the output phases is missing
	Overcurrent protection	Yes
	Unit overtemperature protection	Yes
	Motor overload protection	Yes
	Motor stall protection	Yes
	Motor underload protection	Yes
Short-circuit protection of +24 V and +10 V reference voltages	Yes	



LV7000-5...9

Common DC Bus Drive Modules

Common DC Bus Drive Modules



Variants & Options

S=Standard / O=Optional

	AFE	NFE	INU			BCU		
	LV7000-5	LV7000-6	LV7000-8			LV7000-9		
	F19-F113	F19	FR4, 6, 7	FR8	F19-F114	FR4,6,7	FR8	F19-F113
IP00	S	S		S	S		S	S
IP21			S			S		
IP54	O	O	O	O	O	O	O	O
Standard board	S		S	S	S	S	S	S
Varnished board		S						
Alphanumeric keypad	S		S	S	S	S	S	S
Line reactor, external (required)		O						
LCL filter, external (required)	O							
No integrated charging	S				S			S
Integrated charging (DC side)		S	S	S		S	S	
Diode/thyristor rectifier		S						
IGBT	S		S	S	S	S	S	S



LV7000-5

Common DC Bus Drive
INU - Inverter Unit

LV7000-5 — 380-500V — Common DC Bus — INU

GEPC TYPE CODE	Load ability					Frame	Dimensions W x H x D [mm]	Weight [kg]
	Low (+40°C)		High (+40°C)		I _{MAX} [A]			
	I _L [A]	I _L (overload)	I _H [A]	I _H (overload)	I _{2s} [A]			
LV7000-5 0004 5-A2T0CSS-A1A2000000	4.3	4.7	3.3	5	6.2	FR4	128 x 292 x 190	5
LV7000-5 0009 5-A2T0CSS-A1A2000000	9	9.9	7.6	11.4	14		128 x 292 x 190	5
LV7000-5 0012 5-A2T0CSS-A1A2000000	12	13.2	9	13.5	18		128 x 292 x 190	5
LV7000-5 0016 5-A2T0CSS-A1A2000000	16	17.6	12	18	24	FR6	195 x 519 x 237	16
LV7000-5 0022 5-A2T0CSS-A1A2000000	23	25.3	16	24	32		195 x 519 x 237	16
LV7000-5 0031 5-A2T0CSS-A1A2000000	31	34	23	35	46		195 x 519 x 237	16
LV7000-5 0038 5-A2T0CSS-A1A2000000	38	42	31	47	62		195 x 519 x 237	16
LV7000-5 0045 5-A2T0CSS-A1A2000000	46	51	38	57	76	FR7	195 x 519 x 237	16
LV7000-5 0072 5-A2T0CSS-A1A2000000	72	79	61	92	122		237 x 519 x 257	29
LV7000-5 0087 5-A2T0CSS-A1A2000000	87	96	72	108	144		237 x 519 x 257	29
LV7000-5 0105 5-A2T0CSS-A1A2000000	105	116	87	131	174	FR8	237 x 519 x 257	29
LV7000-5 0140 5-A0T0CSS-A1A2000000	140	154	105	158	210		289 x 758 x 344	48
LV7000-5 0168 5-A0T0ISF-A1A2000000	168	187	140	210	280	FI9	239 x 1030 x 372	67
LV7000-5 0205 5-A0T0ISF-A1A2000000	205	226	170	255	336		239 x 1030 x 372	67
LV7000-5 0261 5-A0T0ISF-A1A2000000	261	287	205	308	349		239 x 1030 x 372	67
LV7000-5 0300 5-A0T0ISF-A1A2000000	300	330	245	368	444		239 x 1030 x 372	67
LV7000-5 0385 5-A0T0ISF-A1A2000000	385	424	300	450	540	FI10	239 x 1030 x 552	100
LV7000-5 0460 5-A0T0ISF-A1A2000000	460	506	385	578	693		239 x 1030 x 552	100
LV7000-5 0520 5-A0T0ISF-A1A2000000	520	572	460	690	828	FI12	239 x 1030 x 552	100
LV7000-5 0590 5-A0T0ISF-A1A2000000	590	649	520	780	936		(2*239) x 1030 x 552	200
LV7000-5 0650 5-A0T0ISF-A1A2000000	650	715	590	885	1062		(2*239) x 1030 x 552	200
LV7000-5 0730 5-A0T0ISF-A1A2000000	730	803	650	975	1170	FI12	(2*239) x 1030 x 552	200
LV7000-5 0820 5-A0T0ISF-A1A2000000	820	902	730	1095	1314		(2*239) x 1030 x 552	200
LV7000-5 0920 5-A0T0ISF-A1A2000000	920	1012	820	1230	1476		(2*239) x 1030 x 552	200
LV7000-5 1030 5-A0T0ISF-A1A2000000	1030	1133	920	1380	1656		(2*239) x 1030 x 552	200
LV7000-5 1150 5-A0T0ISF-A1A2000000	1150	1265	1150	1545	1854	FI13	708 x 1032 x 553	306
LV7000-5 1300 5-A0T0ISF-A1A2000000	1300	1430	1150	1725	2070		708 x 1032 x 553	306
LV7000-5 1450 5-A0T0ISF-A1A2000000	1450	1595	1300	1950	2340		708 x 1032 x 553	306
LV7000-5 1770 5-A0T0ISF-A1A2000000	1770	1947	1600	2400	2880	FI14	(2*708) x 1032 x 553	612
LV7000-5 2150 5-A0T0ISF-A1A2000000	2150	2365	1940	2910	3492		(2*708) x 1032 x 553	612
LV7000-5 2700 5-A0T0ISF-A1A2000000	2700	2970	2300	3278	3933		(2*708) x 1032 x 553	612

I_H = nominal current for 150% overload requirement (at max. 40°C ambient temperature); I_L = nominal current for 110% overload requirement (at max. 40°C ambient temperature).

I(overload) = maximum 1min/10min overload current (high overload). No marine certificate included. For specific marine certificate adders, please consult the GE Power Conversion team.

A1A2000000 on product type code means: Standard options boards are included in the price. Option board must be added separately according to the OPT boards listed in the LV-7000 options.



LV7000-5

Common DC Bus Drive
INU - Inverter Unit

LV7000-5 — 525-690V — Common DC Bus — INU

GEPC TYPE CODE	Load ability					Frame	Dimensions	Weight
	Low (+40°C)		High (+40°C)		I _{MAX} [A]			
	I _L [A]	I _L (overload)	I _H [A]	I _H (overload)	I _{2s} [A]	Size	W x H x D [mm]	[kg]
LV7000-5 0004 6-A2T0CSS-A1A2000000	4.5	5	3.2	5	6.4	FR7	195 x 519 x 237	16
LV7000-5 0005 6-A2T0CSS-A1A2000000	5.5	6	4.5	7	9		195 x 519 x 237	16
LV7000-5 0007 6-A2T0CSS-A1A2000000	7.5	8	5.5	8	11		195 x 519 x 237	16
LV7000-5 0010 6-A2T0CSS-A1A2000000	10	11	7.5	11	15		195 x 519 x 237	16
LV7000-5 0013 6-A2T0CSS-A1A2000000	13.5	15	10	15	20		195 x 519 x 237	16
LV7000-5 0018 6-A2T0CSS-A1A2000000	18	20	13.5	20	27		195 x 519 x 237	16
LV7000-5 0022 6-A2T0CSS-A1A2000000	22	24	18	27	36		195 x 519 x 237	16
LV7000-5 0027 6-A2T0CSS-A1A2000000	27	30	22	33	44		195 x 519 x 237	16
LV7000-5 0034 6-A2T0CSS-A1A2000000	34	37	27	41	54		195 x 519 x 237	16
LV7000-5 0041 6-A2T0CSS-A1A2000000	41	45	34	51	68	FR8	237 x 519 x 257	29
LV7000-5 0052 6-A2T0CSS-A1A2000000	52	57	41	62	82		237 x 519 x 257	29
LV7000-5 0062 6-A0T0ISF-A1A2000000	62	68	52	78	104	FR8	289 x 758 x 344	48
LV7000-5 0080 6-A0T0ISF-A1A2000000	80	88	62	93	124		289 x 758 x 344	48
LV7000-5 0100 6-A0T0ISF-A1A2000000	100	110	80	120	160		289 x 758 x 344	48
LV7000-5 0125 6-A0T0ISF-A1A2000000	125	138	100	150	200	FI9	239 x 1030 x 372	67
LV7000-5 0144 6-A0T0ISF-A1A2000000	144	158	125	188	213		239 x 1030 x 372	67
LV7000-5 0170 6-A0T0ISF-A1A2000000	170	187	144	216	245		239 x 1030 x 372	67
LV7000-5 0208 6-A0T0ISF-A1A2000000	208	229	170	255	289		239 x 1030 x 372	67
LV7000-5 0261 6-A0T0ISF-A1A2000000	261	287	208	312	375	FI10	239 x 1030 x 552	100
LV7000-5 0325 6-A0T0ISF-A1A2000000	325	358	261	392	470		239 x 1030 x 552	100
LV7000-5 0385 6-A0T0ISF-A1A2000000	385	424	325	488	585		239 x 1030 x 552	100
LV7000-5 0416 6-A0T0ISF-A1A2000000	416	458	325	488	585		239 x 1030 x 552	100
LV7000-5 0460 6-A0T0ISF-A1A2000000	460	506	385	578	693	FI12	(2*239) x 1030 x 552	200
LV7000-5 0502 6-A0T0ISF-A1A2000000	502	552	460	690	828		(2*239) x 1030 x 552	200
LV7000-5 0590 6-A0T0ISF-A1A2000000	590	649	502	753	904		(2*239) x 1030 x 552	200
LV7000-5 0650 6-A0T0ISF-A1A2000000	650	715	590	885	1062		(2*239) x 1030 x 552	200
LV7000-5 0750 6-A0T0ISF-A1A2000000	750	825	650	975	1170		(2*239) x 1030 x 552	200
LV7000-5 0820 6-A0T0ISF-A1A2000000	820	902	650	975	1170		(2*239) x 1030 x 552	200
LV7000-5 0920 6-A0T0ISF-A1A2000000	920	1012	820	1230	1476		708 x 1032 x 553	306
LV7000-5 1030 6-A0T0ISF-A1A2000000	1030	1133	920	1380	1656		708 x 1032 x 553	306
LV7000-5 1180 6-A0T0ISF-A1A2000000	1180	1298	1030	1464	1755	708 x 1032 x 553	306	
LV7000-5 1500 6-A0T0ISF-A1A2000000	1500	1650	1300	1950	2340	FI14	(2*708) x 1032 x 553	612
LV7000-5 1900 6-A0T0ISF-A1A2000000	1900	2090	1500	2250	2700		(2*708) x 1032 x 553	612
LV7000-5 2250 6-A0T0ISF-A1A2000000	2250	2475	1900	2782	3335		(2*708) x 1032 x 553	612

I_H = nominal current for 150% overload requirement (at max. 40°C ambient temperature); I_L = nominal current for 110% overload requirement (at max. 40°C ambient temperature).

I(overload) = maximum 1min/10min overload current (high overload). No marine certificate included. For specific marine certificate adders, please consult the GE Power Conversion team.

A1A2000000 on product type code means: Standard options boards are included in the price. Option board must be added separately according to the OPT boards listed in the LV-7000 options.



LV7000-6

Common DC Bus Drive AFE
Active Front End

LV7000-6 — 380-500V — Common DC Bus — AFE

GEPC TYPE CODE	AC Current				DC Power ^{*1}			Dimensions	Weight
	@ Low overload / 40°C		@ High overload / 40°C		Pn [kW]		Frame	W x H x D	[kg]
	I _L -cont [A]	I _{1min} [A]	I _H -cont [A]	I _{1min} [A]	400Vac	500Vac	Size	[mm]	
LV7000-6 0261 5-A0T02SF-A1A2000000	261	287	205	308	176	220	F19	239 x 1030 x 372	67
LV7000-6 0460 5-A0T02SF-A1A2000000	460	506	385	578	310	388	F110	239 x 1030 x 552	100
LV7000-6 1300 5-A0T02SF-A1A2000000	875	962	732	1100	587	735	2 x F110	2*(239 x 1030 x 552)	2*100
LV7000-6 1300 5-A0T02SF-A1A2000000	1300	1430	1150	1725	876	1092	F113	708 x 1032 x 553	306
LV7000-6 1300 5-A0T02SF-A1A2000000 *	2470	2717	2185	3278	1660	2075	2 x F113	2*(708 x 1032 x 553)	2*306
LV7000-6 1300 5-A0T02SF-A1A2000000 **	3705	4076	3278	4916	2490	3115	3 x F113	3*(708 x 1032 x 553)	3*306

LV7000-6 — 525-690V — Common DC Bus — AFE

GEPC TYPE CODE	AC Current				DC Power ^{*1}			Dimensions	Weight
	@ Low overload / 40°C		@ High overload / 40°C		Pn [kW]		Frame	W x H x D	[kg]
	I _L -cont [A]	I _{1min} [A]	I _H -cont [A]	I _{1min} [A]	690Vac	-	Size	[mm]	
LV7000-6 0170 6-A0T02SF-A1A2000000	170	187	144	216	198	-	F19	239 x 1030 x 372	67
LV7000-6 0325 6-A0T02SF-A1A2000000	325	358	261	392	378	-	F110	239 x 1030 x 552	100
LV7000-6 0325 6-A0T02SF-A1A2000000 *	634	698	509	764	716	-	2 x F110	2*(239 x 1030 x 552)	2*100
LV7000-6 1030 6-A0T02SF-A1A2000000	1030	1133	920	1380	1195	-	F113	708 x 1032 x 553	306
LV7000-6 1030 6-A0T02SF-A1A2000000 *	2008	2209	1794	2691	2270	-	2 x F113	2*(708 x 1032 x 553)	2*306
LV7000-6 1030 6-A0T02SF-A1A2000000 **	2987	3286	2668	4002	3405	-	3 x F113	3*(708 x 1032 x 553)	3*306
LV7000-6 1030 6-A0T02SF-A1A2000000 ***	3965	4362	3542	5313	4538	-	4 x F113	4*(708 x 1032 x 553)	4*306

LV7000-6 — Options for Common DC Bus — AFE

GEPC TYPE CODE	Voltage	Description
	Range	
	[V]	
LCL 0261-1300 5 A0L010T	380-500	LCL Filter 380-500V
LCL 0144-1030 6 A0L010T	525-690	LCL Filter 525-690V
POW-CHARGING-AFE-FFE-F19-F113	All	Charging kit for AFE F19-F113

I_H = nominal current for 150% overload requirement (at max. 40°C ambient temperature); I_L = nominal current for 110% overload requirement (at max. 40°C ambient temperature).

*Qty Units = 2x; **Qty Units = 3x; ***Qty Units = 4x; I(overload) = maximum 1min/10min overload current (high overload).

No marine certificate included. For specific marine certificate adders, please consult the GE Power Conversion team.

A1A2000000 on product type code means: Standard options boards are included in the price. Option board must be added separately according to the OPT boards listed in the LV-7000 options.



LV7000-8

Common DC Bus Drive NFE
Non-Regenerative Front End

LV7000-8 — 380-500V — EMC-level T — Common DC Bus — NFE

GEPC TYPE CODE	AC Current				DC Power ^{*1}			Dimensions	Weight
	@ Low overload / 40°C		@ High overload / 40°C		Pn [kW]		Frame	W x H x D	[kg]
	I _L -cont [A]	I _{1min} [A]	I _H -cont [A]	I _{1min} [A]	400Vac	500Vac	Size	[mm]	
1 x NXN 0650 6-X0T0SSV-A1A2000000 +BM2P	650	715	507	793	410	513	1 x FI9	9,4 x 40,6 x 14,6	67
2 x NXN 0650 6-X0T0SSV-A1A2000000 +BM2P	1235	1359	963	1507	780	975	2 x FI9	2*(9,4 x 40,6 x 14,6)	2*134
3 x NXN 0650 6-X0T0SSV-A1A2000000 +BM2P	1853	2038	1445	2260	1170	1462	3 x FI9	2*(9,4 x 40,6 x 14,6)	3*134
4 x NXN 0650 6-X0T0SSV-A1A2000000 +BM2P	2470	1217	1927	3013	1560	1950	4 x FI9	2*(9,4 x 40,6 x 14,6)	4*134
5 x NXN 0650 6-X0T0SSV-A1A2000000 +BM2P	3088	3396	2408	3767	1950	2437	5 x FI9	2*(9,4 x 40,6 x 14,6)	5*134
6 x NXN 0650 6-X0T0SSV-A1A2000000 +BM2P	3705	4076	2890	4520	2340	2924	6 x FI9	2*(9,4 x 40,6 x 14,6)	6*134

LV7000-8 — 525-690V — Common DC Bus — NFE

GEPC TYPE CODE	AC Current				DC Power ^{*1}			Dimensions	Weight
	@ Low overload / 40°C		@ High overload / 40°C		Pn [kW]		Frame	W x H x D	[kg]
	I _L -cont [A]	I _{1min} [A]	I _H -cont [A]	I _{1min} [A]	690Vac	-	Size	[mm]	
1 x NXN 0650 6-X0T0SSV-A1A2000000 +BM2P	650	715	507	793	708	-	1 x FI9	9,4 x 40,6 x 14,6	67
2 x NXN 0650 6-X0T0SSV-A1A2000000 +BM2P	1235	1359	963	1507	1345	-	2 x FI9	2*(9,4 x 40,6 x 14,6)	2*134
3 x NXN 0650 6-X0T0SSV-A1A2000000 +BM2P	1853	2038	1445	2260	2018	-	3 x FI9	2*(9,4 x 40,6 x 14,6)	3*134
4 x NXN 0650 6-X0T0SSV-A1A2000000 +BM2P	2470	1217	1927	3013	2690	-	4 x FI9	2*(9,4 x 40,6 x 14,6)	4*134
5 x NXN 0650 6-X0T0SSV-A1A2000000 +BM2P	3088	3396	2408	3767	3363	-	5 x FI9	2*(9,4 x 40,6 x 14,6)	5*134
6 x NXN 0650 6-X0T0SSV-A1A2000000 +BM2P	3705	4076	2890	4520	4036	-	6 x FI9	2*(9,4 x 40,6 x 14,6)	6*134

LV7000-8 — Options for Common DC Bus — NFE

GEPC TYPE CODE	Description
FLU-CHK 0650-6	Line Choke

NFE Modules includes the chokes

I_H = nominal current for 150% overload requirement (at max. 40°C ambient temperature); I_L = nominal current for 110% overload requirement (at max. 40°C ambient temperature).
No marine certificate included. For specific marine certificate adders, please consult the GE Power Conversion team.

A1A2000000 on product type code means: Standard options boards are included in the price. Option board must be added separately according the OPT boards listed in the LV-7000 options.



LV7000-9

Common DC Bus - BCU
Brake Chopper Unit

LV7000-9 — 380-500V — Common DC Bus — BCU

GEPC TYPE CODE	Braking Current I_{L-cont} [A]	Min Brakin Resistor (per Resistor) [Ω]		Pn [kW]		Frame Size	Dimensions W x H x D [mm]	Weight [kg]		
				540V _{DC}	675V _{DC}				540V _{DC}	675V _{DC}
				LV7000-9 0004 5-A2T08SS-A1A2000000	8				159.30	199.13
LV7000-9 0009 5-A2T08SS-A1A2000000	18	70.80	88.50	11	14	128 x 292 x 190	5			
LV7000-9 0012 5-A2T08SS-A1A2000000	24	53.10	66.38	15	19	128 x 292 x 190	5			
LV7000-9 0016 5-A2T08SS-A1A2000000	32	39.83	49.78	20	25	195 x 519 x 237	16			
LV7000-9 0022 5-A2T08SS-A1A2000000	44	28.96	36.20	28	35	FR6	195 x 519 x 237	16		
LV7000-9 0031 5-A2T08SS-A1A2000000	62	20.55	25.69	40	49		195 x 519 x 237	16		
LV7000-9 0038 5-A2T08SS-A1A2000000	76	16.77	20.96	48	61		195 x 519 x 237	16		
LV7000-9 0045 5-A2T08SS-A1A2000000	90	14.16	17.70	57	72		195 x 519 x 237	16		
LV7000-9 0072 5-A2T08SS-A1A2000000	148	8.61	10.76	94	118	FR7	237 x 591 x 257	29		
LV7000-9 0087 5-A2T08SS-A1A2000000	174	7.32	9.16	111	139		237 x 591 x 257	29		
LV7000-9 0105 5-A2T08SS-A1A2000000	210	6.07	7.59	134	167		237 x 591 x 257	29		
LV7000-9 0140 5-A0T08SS-A1A2000000	280	4.55	5.69	178	223	FR8	289 x 591 x 257	48		
LV7000-9 0168 5-A0T08SF-A1A2000000	336	3.79	4.74	214	268	FR9	239 x 1030 x 372	67		
LV7000-9 0205 5-A0T08SF-A1A2000000	410	3.11	3.89	261	327		239 x 1030 x 372	67		
LV7000-9 0261 5-A0T08SF-A1A2000000	522	2.44	3.05	333	416		239 x 1030 x 372	67		
LV7000-9 0300 5-A0T08SF-A1A2000000	600	2.12	2.66	382	478		239 x 1030 x 372	67		
LV7000-9 0385 5-A0T08SF-A1A2000000	770	1.66	2.07	491	613	FR10	239 x 1032 x 552	100		
LV7000-9 0460 5-A0T08SF-A1A2000000	920	1.39	1.73	586	733		239 x 1032 x 552	100		
LV7000-9 0520 5-A0T08SF-A1A2000000	1040	1.23	1.53	663	828		239 x 1032 x 552	100		
LV7000-9 1150 5-A0T08SF-A1A2000000	2300	0.55	0.69	1466	1832	FR13	708 x 1032 x 553	306		
LV7000-9 1300 5-A0T08SF-A1A2000000	2600	0.49	0.61	1657	2071		708 x 1032 x 553	306		
LV7000-9 1450 5-A0T08SF-A1A2000000	2900	0.44	0.55	1848	2310		708 x 1032 x 553	306		

LV7000-9 — 525-69V — Common DC Bus — BCU

GEPC TYPE CODE	Braking Current I_{L-cont} [A]	Min Brakin Resistor (per Resistor) [Ω]		Pn [kW]		Frame Size	Dimensions W x H x D [mm]	Weight [kg]		
				540V _{DC}	675V _{DC}				540V _{DC}	675V _{DC}
				LV7000-9 0004 6-A2T08SS-A1A2000000	8				238.36	274.65
LV7000-9 0005 6-A2T08SS-A1A2000000	10	190.69	219.72	8	11	195 x 519 x 237	16			
LV7000-9 0007 6-A2T08SS-A1A2000000	14	136.21	156.94	12	15	195 x 519 x 237	16			
LV7000-9 0010 6-A2T08SS-A1A2000000	20	95.34	109.86	17	22	195 x 519 x 237	16			
LV7000-9 0013 6-A2T08SS-A1A2000000	26	73.34	84.51	22	29	FR7	195 x 519 x 237	16		
LV7000-9 0018 6-A2T08SS-A1A2000000	36	52.97	61.03	30	40		195 x 519 x 237	16		
LV7000-9 0022 6-A2T08SS-A1A2000000	44	43.34	49.94	37	48		195 x 519 x 237	16		
LV7000-9 0027 6-A2T08SS-A1A2000000	54	35.31	40.69	45	59		195 x 519 x 237	16		
LV7000-9 0034 6-A2T08SS-A1A2000000	68	28.04	32.31	57	75	FR8	195 x 519 x 237	16		
LV7000-9 0041 6-A2T08SS-A1A2000000	82	23.25	26.79	69	90		237 x 591 x 257	29		
LV7000-9 0052 6-A2T08SS-A1A2000000	104	18.34	21.13	87	114		237 x 591 x 257	29		
LV7000-9 0062 6-A0T08SF-A1A2000000	124	15.38	17.72	104	136		289 x 591 x 257	48		
LV7000-9 0080 6-A0T08SF-A1A2000000	160	11.92	13.73	134	176	FR9	289 x 591 x 257	67		
LV7000-9 0100 6-A0T08SF-A1A2000000	200	9.53	10.99	167	220		289 x 591 x 257	67		
LV7000-9 0125 6-A0T08SF-A1A2000000	250	7.63	8.79	209	275		239 x 1030 x 372	67		
LV7000-9 0144 6-A0T08SF-A1A2000000	288	6.62	7.63	241	316	FR10	239 x 1030 x 372	67		
LV7000-9 0170 6-A0T08SF-A1A2000000	340	5.61	6.46	284	374		239 x 1030 x 372	100		
LV7000-9 0208 6-A0T08SF-A1A2000000	416	4.58	5.28	348	457		239 x 1030 x 372	100		
LV7000-9 0261 6-A0T08SF-A1A2000000	522	3.65	4.21	436	573		239 x 1032 x 552	100		
LV7000-9 0325 6-A0T08SF-A1A2000000	650	2.93	3.38	543	714	FR13	239 x 1032 x 552	306		
LV7000-9 0385 6-A0T08SF-A1A2000000	770	2.48	2.85	643	846		239 x 1032 x 552	306		
LV7000-9 0416 6-A0T08SF-A1A2000000	832	2.29	2.64	695	914		239 x 1032 x 552	306		
LV7000-9 0920 6-A0T08SF-A1A2000000	1840	1.04	1.19	1537	2021	FR13	708 x 1032 x 553	306		
LV7000-9 1030 6-A0T08SF-A1A2000000	2060	0.93	1.07	1721	2263		708 x 1032 x 553	306		
LV7000-9 1180 6-A0T08SF-A1A2000000	2360	0.81	0.93	1972	2593		708 x 1032 x 553	306		

*1 Only as Inverter Unit

I_H = nominal current for 150% overload requirement (at max. 40°C ambient temperature); I_L = nominal current for 110% overload requirement (at max. 40°C ambient temperature).

No marine certificate included. For specific marine certificate adders, please consult the GE Power Conversion team.

A1A2000000 on product type code means: Standard options boards are included in the price. Option board must be added separately according the OPT boards listed in the LV-7000 options.

