GE Power Conversion

LV7000-3

AC/AC wall mounted and modules drives

GENERAL DATA		
Mains connection	Input voltage U_{in}	208…240 V; 380…500 V; 525…690 V; −10%…+10%
	Input frequency	45…66 Hz
	Connection to mains	Once per minute or less (normal case)
Motor connection	Output voltage	0 – Uin
	Continuous output current	High overloadability: IH, ambient temperature max. 50 °C (≥FR10 + 40 °C) Low overloadability: IL, ambient temperature max. +40 °C
	Overloadability	High: 1.5 x IH (1 min/10 min), Low: 1.1 x IL (1 min/10 min)
	Max. starting current	Is for 2 s every 20 s
	Output frequency	0…320 Hz
Ambient conditions	Ambient operating temperature	−10 °C (no frost)…+50 °C: IH (≥FR10 + 40 °C) −10 °C (no frost)…+40 °C: IL
	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 60721-3-3, unit in operation, class 3C2 (tested in accordance with IEC60068-2-60, Method I C CH2 and SO2) IEC 60721-3-3, unit in operation, class 3S2
	Altitude	100% load capacity (no derating) up to 1000 m 1% derating for each 100 m above 1000 m; max. 3000 m (690 V max. 2000 m)
	Vibration EN 50178/EN 60068-2-6	5…150 Hz: Displacement amplitude 1 mm (peak) at 5…15.8 Hz (≥FR10: 0.25 mm (peak) at 5…31 Hz) Max acceleration amplitude 1 G at 15.8…150 Hz (≥FR10: 1 G at 31…150 Hz)
	Shock EN 50178, EN 60068-2-27	UPS Drop Test (for applicable UPS weights) Storage and shipping: max 15 G, 11 ms (in package)
EMS	Immunity	Fulfils all EMC immunity requirements
	Emissions	EMC level C: EN 61800-3, cat. C1; EMC level H: EN 61800-3, cat. C2; EMC level L: EN 61800-3, cat. C3; EMC level T: Low earth-current solution is suitable for IT networks, (can be modified from L/H-level units)
Safety		EN 50178, EN 60204-1, IEC 61800-5-1, CE, UL, CUL; (see unit nameplate for more details)
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
	Advance safety option	STO (+SBC), SS1, SS2, SOS, SLS, SMS, SSM, SSR
Control connections (OPT -A1, -A2 or OPT -A1, -A3)	Analogue input voltage	0…+10 V (−10 V…+10 V joystick control), Ri = 200 kΩ, resolution 0.1%, accuracy ±1%
	Analogue input current	0(4)…20 mA, Ri = 250 Ω differential, resolution 0.1%, accuracy ±1%
	Digital inputs	6, positive or negative logic; 18…30 VDC
	Auxiliary voltage	+24 V, ±15%, max. 250 mA
	Output reference voltage	+10 V, +3%, max. load 10 mA
	Analogue output	0 (4)…20 mA; RL max. 500 Ω, resolution 10-bit, accuracy ±2%
	Digital output	Open collector output, 50 mA/48 V
	Relay outputs	2 programmable change-over (NO/NC) relay outputs (OPT-A3: NO/NC+NO) Switching capacity: 24 VDC/8 A, 250 VAC/8 A, 125 VDC/0.4 A. Min. switching load: 5 V/10 mA
	Thermistor input (OPT-A3)	Galvanically isolated, Rtrip = 4.7 kΩ
Supply connections	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~ 0…Uin / 1.4
	Output voltage U_{out} (DC) Active front-end module	1.10 x 1.35 x Uin (Factory default)
	Output voltage U_{out} (DC) non-regenerative front-end module	1.35 x Uin
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 LV7000-3_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…3000 sec
	Deceleration time	0…3000 sec
	Braking	DC brake: 30% of TN (without brake resistor), flux braking
Protections	Overvoltage protection	380-500V: 911 VDC; LV7000-3_6: 1200 VDC
	Undervoltage protection	525-690V: 333 VDC; LV7000-3_6: 460 VDC
	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

GE Power Conversion

LV7000-3

Wall Mounted 6-Pulse Supply 208-240V

LV7000-3 — 208-240V — IP21 — EMC-level H/T — 6-pulse supply

GEPC TYPE CODE	Load ability				Motor Shaft Power		Frame	Dimensions	Weight
	Low (+40°C)		High (+40°C)				Size	W x H x D	[kg]
	I_L[A]	I_L(overload)	I_H[A]	I_H(overload)	P_L[kW]	P_H[kW]		[mm]	
LV7000-3 0003 2-A2H1SSS-A1A2000000	3.7	4.1	2.4	3.6	0.55	0.37	FR4	128 x 292 x 190	5
LV7000-3 0004 2-A2H1SSS-A1A2000000	4.8	5.3	3.7	5.6	0.75	0.55		144 x 391 x 214	8.1
LV7000-3 0007 2-A2H1SSS-A1A2000000	6.6	7.3	4.8	7.2	1.1	0.75		195 x 519 x 237	18.5
LV7000-3 0008 2-A2H1SSS-A1A2000000	7.8	8.6	6.6	9.9	1.5	1.1		237 x 591 x 257	35
LV7000-3 0011 2-A2H1SSS-A1A2000000	11	12.1	7.8	11.7	2.2	1.5		291 x 758 x 344	58
LV7000-3 0012 2-A2H1SSS-A1A2000000	12.5	13.8	11	16.5	3	2.2		480 x 1150 x 362	146
LV7000-3 0017 2-A2H1SSS-A1A2000000	17.5	19.3	12.5	18.8	4	3	FR5	144 x 391 x 214	8.1
LV7000-3 0025 2-A2H1SSS-A1A2000000	25	27.5	17.5	26.3	5.5	4		144 x 391 x 214	8.1
LV7000-3 0031 2-A2H1SSS-A1A2000000	31	34.1	25	37.5	7.5	5.5		144 x 391 x 214	8.1
LV7000-3 0048 2-A2H1SSS-A1A2000000	48	52.8	31	46.5	11	7.5	FR6	195 x 519 x 237	18.5
LV7000-3 0061 2-A2H1SSS-A1A2000000	61	67.1	48	72.0	15	11		195 x 519 x 237	18.5
LV7000-3 0075 2-A2H0SSS-A1A2000000	75	83	61	92	18.5	15	FR7	237 x 591 x 257	35
LV7000-3 0088 2-A2H0SSS-A1A2000000	88	97	75	113	22	18.5		237 x 591 x 257	35
LV7000-3 0114 2-A2H0SSS-A1A2000000	114	125	88	132	30	22		237 x 591 x 257	35
LV7000-3 0140 2-A2H0SSS-A1A2000000	140	154	105	158	37	30	FR8	291 x 758 x 344	58
LV7000-3 0170 2-A2H0SSS-A1A2000000	170	187	140	210	45	37		291 x 758 x 344	58
LV7000-3 0205 2-A2H0SSS-A1A2000000	205	226	170	255	55	45		291 x 758 x 344	58
LV7000-3 0261 2-A2H0SSF-A1A2000000	261	287	205	308	75	55	FR9	480 x 1150 x 362	146
LV7000-3 0300 2-A2H0SSF-A1A2000000	300	330	245	368	90	75		480 x 1150 x 362	146

LV7000-3 — 208-240V — IP54 — EMC-level H/T — 6-pulse supply

GEPC TYPE CODE	Load ability				Motor Shaft Power		Frame	Dimensions	Weight
	Low (+40°C)		High (+40°C)				Size	W x H x D	[kg]
	I_L[A]	I_L(overload)	I_H[A]	I_H(overload)	P_L[kW]	P_H[kW]		[mm]	
LV7000-3 0003 2-A2H1SSS-A1A2000000	3.7	4.1	2.4	3.6	0.55	0.37	FR4	128 x 292 x 190	5
LV7000-3 0004 2-A2H1SSS-A1A2000000	4.8	7.3	3.7	5.6	0.75	0.55		144 x 391 x 214	8.1
LV7000-3 0007 2-A2H1SSS-A1A2000000	6.6	6.6	4.8	7.2	1.1	0.75		195 x 519 x 237	18.5
LV7000-3 0008 2-A2H1SSS-A1A2000000	7.8	7,8	6.6	9.9	1.5	1.1		237 x 591 x 257	35
LV7000-3 0011 2-A2H1SSS-A1A2000000	11	11	7.8	11.7	2.2	1.5		291 x 758 x 344	58
LV7000-3 0012 2-A2H1SSS-A1A2000000	12.5	12.5	11	16.5	3	2.2		480 x 1150 x 362	146
LV7000-3 0017 2-A2H1SSS-A1A2000000	17.5	17.5	12.5	18.8	4	3	FR5	144 x 391 x 214	8.1
LV7000-3 0025 2-A2H1SSS-A1A2000000	25	25	17.5	26.3	5.5	4		144 x 391 x 214	8.1
LV7000-3 0031 2-A2H1SSS-A1A2000000	31	31	25	37.5	7.5	5.5		144 x 391 x 214	8.1
LV7000-3 0048 2-A2H1SSS-A1A2000000	48	48	31	46.5	11	7.5	FR6	195 x 519 x 237	18.5
LV7000-3 0061 2-A2H1SSS-A1A2000000	61	61	48	72.0	15	11		195 x 519 x 237	18.5
LV7000-3 0075 2-A2H0SSS-A1A2000000	75	75	61	92	18.5	15	FR7	237 x 591 x 257	35
LV7000-3 0088 2-A2H0SSS-A1A2000000	88	88	75	113	22	18.5		237 x 591 x 257	35
LV7000-3 0114 2-A2H0SSS-A1A2000000	114	114	88	132	30	22		237 x 591 x 257	35
LV7000-3 0140 2-A2H0SSS-A1A2000000	140	140	105	158	37	30	FR8	291 x 758 x 344	58
LV7000-3 0170 2-A2H0SSS-A1A2000000	170	170	140	210	45	37		291 x 758 x 344	58
LV7000-3 0205 2-A2H0SSS-A1A2000000	205	205	170	255	55	45		291 x 758 x 344	58
LV7000-3 0261 2-A2H0SSF-A1A2000000	261	261	205	308	75	55	FR9	480 x 1150 x 362	146
LV7000-3 0300 2-A2H0SSF-A1A2000000	300	300	245	368	90	75		480 x 1150 x 362	146

List above consider standard hardware (SSS) (Exception FR9 Standard = SSF). For varnished option (SSV) (exception FR9 varnished = SSG), it must be included in the varnished adder in the options.
All drives are 3-phase supply: 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 1 min/10 min 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 the OPT boards listed in the LV-7000 options.

GE Power Conversion

LV7000-3

Wall Mounted 6-Pulse Supply 380-500V

LV7000-3 — 380-500V — IP21 — EMC-level H/T — 6-pulse supply

GEPC TYPE CODE	Load ability				Motor Shaft Power		Frame	Dimensions	Weight
	Low (+40°C)		High (+40°C)				Size	W x H x D	[kg]
	I_L[A]	I_L(overload)	I_H[A]	I_H(overload)	P_L[kW]	P_H[kW]		[mm]	
LV7000-3 0003 5-A2H1SSS-A1A2000000	3.3	3.6	2.2	3.3	1.1	0.75	FR4	128 x 292 x 190	5
LV7000-3 0004 5-A2H1SSS-A1A2000000	4.3	4.7	3.3	5	1.5	1.1		128 x 292 x 190	5
LV7000-3 0005 5-A2H1SSS-A1A2000000	5.6	6.2	4.3	6.5	2.2	1.5		128 x 292 x 190	5
LV7000-3 0007 5-A2H1SSS-A1A2000000	7.6	8.4	5.6	8.4	3	2.2		128 x 292 x 190	5
LV7000-3 0009 5-A2H1SSS-A1A2000000	9	9.9	7.6	11.4	4	3		128 x 292 x 190	5
LV7000-3 0012 5-A2H1SSS-A1A2000000	12	13.2	9	13.5	5.5	4		128 x 292 x 190	5
LV7000-3 0016 5-A2H1SSS-A1A2000000	16	17.6	12	18	7.5	5.5	FR5	144 x 391 x 214	8.1
LV7000-3 0022 5-A2H1SSS-A1A2000000	23	25.3	16	24	11	7.5		144 x 391 x 214	8.1
LV7000-3 0031 5-A2H1SSS-A1A2000000	31	34	23	35	15	11		144 x 391 x 214	8.1
LV7000-3 0038 5-A2H1SSS-A1A2000000	38	42	31	47	18.5	15	FR6	195 x 519 x 237	18.5
LV7000-3 0045 5-A2H1SSS-A1A2000000	46	51	38	57	22	18.5		195 x 519 x 237	18.5
LV7000-3 0061 5-A2H1SSS-A1A2000000	61	67	46	69	30	22		195 x 519 x 237	18.5
LV7000-3 0072 5-A2H0SSS-A1A2000000	72	79	61	92	37	30	FR7	237 x 591 x 257	35
LV7000-3 0087 5-A2H0SSS-A1A2000000	87	96	72	108	45	37		237 x 591 x 257	35
LV7000-3 0105 5-A2H0SSS-A1A2000000	105	116	87	131	55	45		237 x 591 x 257	38
LV7000-3 0140 5-A2H0SSS-A1A2000000	140	154	105	158	75	55	FR8	291 x 758 x 344	58
LV7000-3 0168 5-A2H0SSS-A1A2000000	170	187	140	210	90	75		291 x 758 x 344	58
LV7000-3 0205 5-A2H0SSS-A1A2000000	205	226	170	255	110	90		291 x 758 x 344	58
LV7000-3 0261 5-A2H0SSF-A1A2000000	261	287	205	308	132	110	FR9	480 x 1150 x 362	146
LV7000-3 0300 5-A2H0SSF-A1A2000000	300	330	245	368	160	132		480 x 1150 x 362	146

LV7000-3 — 380-500V — IP54 — EMC-level H/T — 6-pulse supply

GEPC TYPE CODE	Load ability				Motor Shaft Power		Frame	Dimensions	Weight
	Low (+40°C)		High (+40°C)				Size	W x H x D	[kg]
	I_L[A]	I_L(overload)	I_H[A]	I_H(overload)	P_L[kW]	P_H[kW]		[mm]	
LV7000-3 0003 5-A5H1SSS-A1A2000000	3.3	3.6	2.2	3.3	1.1	0.75	FR4	128 x 292 x 190	5
LV7000-3 0004 5-A5H1SSS-A1A2000000	4.3	4.7	3.3	5	1.5	1.1		128 x 292 x 190	5
LV7000-3 0005 5-A5H1SSS-A1A2000000	5.6	6.2	4.3	6.5	2.2	1.5		128 x 292 x 190	5
LV7000-3 0007 5-A5H1SSS-A1A2000000	7.6	8.4	5.6	8.4	3	2.2		128 x 292 x 190	5
LV7000-3 0009 5-A5H1SSS-A1A2000000	9	9.9	7.6	11.4	4	3		128 x 292 x 190	5
LV7000-3 0012 5-A5H1SSS-A1A2000000	12	13.2	9	13.5	5.5	4		128 x 292 x 190	5
LV7000-3 0016 5-A5H1SSS-A1A2000000	16	17.6	12	18	7.5	5.5	FR5	144 x 391 x 214	8.1
LV7000-3 0022 5-A5H1SSS-A1A2000000	23	25.3	16	24	11	7.5		144 x 391 x 214	8.1
LV7000-3 0031 5-A5H1SSS-A1A2000000	31	34	23	35	15	11		144 x 391 x 214	8.1
LV7000-3 0038 5-A5H1SSS-A1A2000000	38	42	31	47	18.5	15	FR6	195 x 519 x 237	18.5
LV7000-3 0045 5-A5H1SSS-A1A2000000	46	51	38	57	22	18.5		195 x 519 x 237	18.5
LV7000-3 0061 5-A5H1SSS-A1A2000000	61	67	46	69	30	22		195 x 519 x 237	18.5
LV7000-3 0072 5-A5H0SSS-A1A2000000	72	79	61	92	37	30	FR7	237 x 591 x 257	35
LV7000-3 0087 5-A5H0SSS-A1A2000000	87	96	72	108	45	37		237 x 591 x 257	35
LV7000-3 0105 5-A5H0SSS-A1A2000000	105	116	87	131	55	45		237 x 591 x 257	38
LV7000-3 0140 5-A5H0SSS-A1A2000000	140	154	105	158	75	55	FR8	291 x 758 x 344	58
LV7000-3 0168 5-A5H0SSS-A1A2000000	170	187	140	210	90	75		291 x 758 x 344	58
LV7000-3 0205 5-A5H0SSS-A1A2000000	205	226	170	255	110	90		291 x 758 x 344	58
LV7000-3 0261 5-A5H0SSF-A1A2000000	261	287	205	308	132	110	FR9	480 x 1150 x 362	146
LV7000-3 0300 5-A5H0SSF-A1A2000000	300	330	245	368	160	132		480 x 1150 x 362	146

List above consider standard hardware (SSS) (Exception FR9 Standard = SSF). For varnished option (SSV) (exception FR9 varnished = SSG), it must be included in the varnished adder in the options.
All drives are 3-phase supply: 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 1 min/10 min 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 the OPT boards listed in the LV-7000 options.

GE Power Conversion

LV7000-3

Wall Mounted 6-Pulse Supply 525-690V

LV7000-3 — 525-690V — IP21 — EMC-level L/T — 6-pulse supply

GEPC TYPE CODE	Load ability				Motor Shaft Power		Frame	Dimensions	Weight
	Low (+40°C)		High (+40°C)				Size	W x H x D	[kg]
	I_L[A]	I_L(overload)	I_H[A]	I_H(overload)	P_L[kW]	P_H[kW]		[mm]	
LV7000-3 0004 6-A2L0SSS-A1A2000000	4.5	5	3.2	5.0	3	2.2	FR6	195 x 519 x 237	18.5
LV7000-3 0005 6-A2L0SSS-A1A2000000	5.5	6.1	4.5	6.8	4	3		195 x 519 x 237	18.5
LV7000-3 0007 6-A2L0SSS-A1A2000000	7.5	8.3	5.5	8.3	5.5	4		195 x 519 x 237	18.5
LV7000-3 0010 6-A2L0SSS-A1A2000000	10	11	7.5	11.3	7.5	5.5		195 x 519 x 237	18.5
LV7000-3 0013 6-A2L0SSS-A1A2000000	13.5	14.9	10	15	11	7.5		195 x 519 x 237	18.5
LV7000-3 0018 6-A2L0SSS-A1A2000000	18	19.8	13.5	20.3	15	11		195 x 519 x 237	18.5
LV7000-3 0022 6-A2L0SSS-A1A2000000	22	24.2	18	27.0	18.5	15		195 x 519 x 237	18.5
LV7000-3 0027 6-A2L0SSS-A1A2000000	27	29.7	22	33	22	18.5		195 x 519 x 237	18.5
LV7000-3 0034 6-A2L0SSS-A1A2000000	34	37	27	41	30	22		195 x 519 x 237	18.5
LV7000-3 0041 6-A2L0SSS-A1A2000000	41	45	34	51	37	30	FR7	237 x 591 x 257	35
LV7000-3 0052 6-A2L0SSS-A1A2000000	52	57	41	62	45	37		237 x 591 x 257	35
LV7000-3 0062 6-A2L0SSS-A1A2000000	62	68	52	78	55	45	FR8	291 x 758 x 344	58
LV7000-3 0080 6-A2L0SSS-A1A2000000	80	88	62	93	75	55		291 x 758 x 344	58
LV7000-3 0100 6-A2L0SSS-A1A2000000	100	110	80	120	90	75		291 x 758 x 344	58
LV7000-3 0125 6-A2L0SSF-A1A2000000	125	138	100	150	110	90	FR9	480 x 1150 x 362	146
LV7000-3 0144 6-A2L0SSF-A1A2000000	140	154	105	158	75	55		480 x 1150 x 362	146
LV7000-3 0170 6-A2L0SSF-A1A2000000	170	187	140	210	90	75		480 x 1150 x 362	146
LV7000-3 0208 6-A2L0SSF-A1A2000000	205	226	170	255	110	90		480 x 1150 x 362	146

LV7000-3 — 525-690V — IP54 — EMC-level L/T — 6-pulse supply

GEPC TYPE CODE	Load ability				Motor Shaft Power		Frame	Dimensions	Weight
	Low (+40°C)		High (+40°C)				Size	W x H x D	[kg]
	I_L[A]	I_L(overload)	I_H[A]	I_H(overload)	P_L[kW]	P_H[kW]		[mm]	
LV7000-3 0004 6-A5L0SSS-A1A2000000	4.5	5	3.2	5.0	3	2.2	FR6	195 x 519 x 237	18.5
LV7000-3 0005 6-A5L0SSS-A1A2000000	5.5	6.1	4.5	6.8	4	3		195 x 519 x 237	18.5
LV7000-3 0007 6-A5L0SSS-A1A2000000	7.5	8.3	5.5	8.3	5.5	4		195 x 519 x 237	18.5
LV7000-3 0010 6-A5L0SSS-A1A2000000	10	11	7.5	11.3	7.5	5.5		195 x 519 x 237	18.5
LV7000-3 0013 6-A5L0SSS-A1A2000000	13.5	14.9	10	15	11	7.5		195 x 519 x 237	18.5
LV7000-3 0018 6-A5L0SSS-A1A2000000	18	19.8	13.5	20.3	15	11		195 x 519 x 237	18.5
LV7000-3 0022 6-A5L0SSS-A1A2000000	22	24.2	18	27.0	18.5	15		195 x 519 x 237	18.5
LV7000-3 0027 6-A5L0SSS-A1A2000000	27	29.7	22	33	22	18.5		195 x 519 x 237	18.5
LV7000-3 0034 6-A5L0SSS-A1A2000000	34	37	27	41	30	22		195 x 519 x 237	18.5
LV7000-3 0041 6-A5L0SSS-A1A2000000	41	45	34	51	37	30	FR7	237 x 591 x 257	35
LV7000-3 0052 6-A5L0SSS-A1A2000000	52	57	41	62	45	37		237 x 591 x 257	35
LV7000-3 0062 6-A5L0SSS-A1A2000000	62	68	52	78	55	45	FR8	291 x 758 x 344	58
LV7000-3 0080 6-A5L0SSS-A1A2000000	80	88	62	93	75	55		291 x 758 x 344	58
LV7000-3 0100 6-A5L0SSS-A1A2000000	100	110	80	120	90	75		291 x 758 x 344	58
LV7000-3 0125 6-A5L0SSF-A1A2000000	125	138	100	150	110	90	FR9	480 x 1150 x 362	146
LV7000-3 0144 6-A5L0SSF-A1A2000000	144	158	125	188	132	110		480 x 1150 x 362	146
LV7000-3 0170 6-A5L0SSF-A1A2000000	170	187	144	216	160	132		480 x 1150 x 362	146
LV7000-3 0208 6-A5L0SSF-A1A2000000	208	229	170	255	200	160		480 x 1150 x 362	146

List above consider standard hardware (SSS) (Exception FR9 Standard = SSF). For varnished option (SSV) (exception FR9 varnished = SSG), it must be included in the varnished adder in the options.
All drives are 3-phase supply: 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 1 min/10 min 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 the OPT boards listed in the LV-7000 options.

GE Power Conversion

LV7000-3

Modules 6-Pulse Supply
380-500V & 525-690V

LV7000-3 — 380-500V — IP00 — EMC-level N/T — 6-pulse supply

GEPC TYPE CODE	Load ability				Motor Shaft Power		Frame	Dimensions	Weight
	Low (+40°C)		High (+40°C)				Size	W x H x D	[kg]
	I_L[A]	I_L(overload)	I_H[A]	I_H(overload)	P_L[kW]	P_H[kW]		[mm]	
LV7000-3 0385 5-A0N0SSA-A1A2000000	385	424	300	450	200	160	FR10	500 x 1165 x 506	207*
LV7000-3 0460 5-A0N0SSA-A1A2000000	460	506	385	578	250	200		500 x 1165 x 506	238*
LV7000-3 0520 5-A0N0SSA-A1A2000000	520	572	460	690	250	250		500 x 1165 x 506	238*
LV7000-3 0590 5-A0N0SSA-A1A2000000	590	649	520	780	315	250	FR11	709 x 1206 x 503	378*
LV7000-3 0650 5-A0N0SSA-A1A2000000	650	715	590	885	355	315		709 x 1206 x 503	378*
LV7000-3 0730 5-A0N0SSA-A1A2000000	730	803	650	975	400	355		709 x 1206 x 503	378*
LV7000-3 0820 5-A0N0SSA-A1A2000000	820	902	730	1095	450	400	FR12	2*(500 x 1165 x 506)	414*
LV7000-3 0920 5-A0N0SSA-A1A2000000	920	1012	820	1230	500	450		2*(500 x 1165 x 506)	476*
LV7000-3 1030 5-A0N0SSA-A1A2000000	1030	1133	920	1380	560	500		2*(500 x 1165 x 506)	476*
LV7000-3 1150 5-A0N0SSF-A1A2000000	1150	1265	1030	1545	630	560	FR13	2*(239 x 1030 x 372) plus 708 x 1032 x 553	700*
LV7000-3 1300 5-A0N0SSF-A1A2000000	1300	1430	1150	1725	710	630		3*(239 x 1030 x 372) plus 708 x 1032 x 553	852*
LV7000-3 1450 5-A0N0SSF-A1A2000000	1450	1595	1300	1950	800	710		3*(239 x 1030 x 372) plus (708 x 1032 x 553)	852*
LV7000-3 1770 5-A0N0SSF-A1A2000000	1770	1947	1600	2400	1000	900	FR14	4*(239 x 1030 x 372) plus 2*(708 x 1032 x 553)	995*
LV7000-3 2150 5-A0N0SSF-A1A2000000	2150	2365	1940	2910	1200	1100		4*(239 x 1030 x 372) plus 2*(708 x 1032 x 553)	1010*

LV7000-3 — 525-690V — IP00 — EMC-level N/T — 6-pulse supply

GEPC TYPE CODE	Load ability				Motor Shaft Power		Frame	Dimensions	Weight
	Low (+40°C)		High (+40°C)				Size	W x H x D	[kg]
	I_L[A]	I_L(overload)	I_H[A]	I_H(overload)	P_L[kW]	P_H[kW]		[mm]	
LV7000-3 0261 6-A0N0SSA-A1A2000000	261	287	208	312	250	200	FR10	500 x 1165 x 506	176*
LV7000-3 0325 6-A0N0SSA-A1A2000000	325	358	261	392	315	250		500 x 1165 x 506	207*
LV7000-3 0385 6-A0N0SSA-A1A2000000	385	424	325	488	355	315		500 x 1165 x 506	207*
LV7000-3 0416 6-A0N0SSA-A1A2000000 **	416	458	325	488	400	315		500 x 1165 x 506	207*
LV7000-3 0460 6-A0N0SSA-A1A2000000	460	506	385	578	450	355	FR11	709 x 1206 x 503	325*
LV7000-3 0502 6-A0N0SSA-A1A2000000	502	552	460	690	500	450		709 x 1206 x 503	325*
LV7000-3 0590 6-A0N0SSA-A1A2000000 **	590	649	502	753	560	500		709 x 1206 x 503	378*
LV7000-3 0650 6-A0N0SSA-A1A2000000	650	715	590	885	630	560	FR12	2*(500 x 1165 x 506)	414*
LV7000-3 0750 6-A0N0SSA-A1A2000000	750	825	650	975	710	630		2*(500 x 1165 x 506)	414*
LV7000-3 0820 6-A0N0SSA-A1A2000000 **	820	902	750	975	800	710		2*(500 x 1165 x 506)	414*
LV7000-3 0920 6-A0N0SSF-A1A2000000	920	1012	820	1230	900	800	FR13	2*(239 x 1030 x 372) plus 708 x 1032 x 553	670*
LV7000-3 1030 6-A0N0SSF-A1A2000000	1030	1133	920	1380	1000	900		2*(239 x 1030 x 372) plus (708 x 1032 x 553)	670*
LV7000-3 1180 6-A0N0SSF-A1A2000000 **	1180	1298	1030	1463	1150	1000		2*(239 x 1030 x 372) plus 2*(708 x 1032 x 553)	700*
LV7000-3 1500 6-A0N0SSF-A1A2000000	1500	1650	1300	1950	1500	1300	FR14	3*(239 x 1030 x 372) plus 2*(708 x 1032 x 553)	925*
LV7000-3 1900 6-A0N0SSF-A1A2000000	1900	2090	1500	2250	1800	1500		4*(239 x 1030 x 372) plus 2*(708 x 1032 x 553)	995*
LV7000-3 2250 6-A0N0SSF-A1A2000000 **	2250	2475	1900	2782	2000	1800		4*(239 x 1030 x 372) plus 2*(708 x 1032 x 553)	1010*

List above consider standard hardware (SSS) (Exception FR13-14 Standard = SSF). For varnished option (SSB) (Exception FR13-14 varnished = SSG), it must be included in the varnished adder in the options.
* Includes weight of input choke; ** Max 35C ambient temperature; Input choke delivered a loose components (Not included in total dimensions); 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 1 min/10 min overload current (high overload).
No marine certificate included. For specific marine certificate adders, please consult 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

GE Power Conversion

LV7000-3

Modules 12-Pulse Supply
380-500V & 525-690V

LV7000-3 — 380-500V — IP00 — EMC-level N/T — 12-pulse supply

GEPC TYPE CODE	Load ability				Motor Shaft Power		Frame	Dimensions	Weight
	Low (+40°C)		High (+40°C)				Size	W x H x D	[kg]
	I_L[A]	I_L(overload)	I_H[A]	I_H(overload)	P_L[kW]	P_H[kW]		[mm]	
LV7000-3 0385 5-A0N0TSA-A1A2000000	385	424	300	450	200	160	FR10	500 x 1165 x 506	207*
LV7000-3 0460 5-A0N0TSA-A1A2000000	460	506	385	578	250	200		500 x 1165 x 506	238*
LV7000-3 0520 5-A0N0TSA-A1A2000000	520	572	460	690	250	250		500 x 1165 x 506	238*
LV7000-3 0590 5-A0N0TSA-A1A2000000	590	649	520	780	315	250	FR11	709 x 1206 x 503	378*
LV7000-3 0650 5-A0N0TSA-A1A2000000	650	715	590	885	355	315		709 x 1206 x 503	378*
LV7000-3 0730 5-A0N0TSA-A1A2000000	730	803	650	975	400	355		709 x 1206 x 503	378*
LV7000-3 0820 5-A0N0TSA-A1A2000000	820	902	730	1095	450	400	FR12	2*(500 x 1165 x 506)	414*
LV7000-3 0920 5-A0N0TSA-A1A2000000	920	1012	820	1230	500	450		2*(500 x 1165 x 506)	476*
LV7000-3 1030 5-A0N0TSA-A1A2000000	1030	1133	920	1380	560	500		2*(500 x 1165 x 506)	476*
LV7000-3 1150 5-A0N0TSF-A1A2000000	1150	1265	1030	1545	630	560	FR13	2*(239 x 1030 x 372) plus 708 x 1032 x 553	700*
LV7000-3 1300 5-A0N0TSF-A1A2000000	1300	1430	1150	1725	710	630		3*(239 x 1030 x 372) plus 708 x 1032 x 553	852*
LV7000-3 1450 5-A0N0TSF-A1A2000000	1450	1595	1300	1950	800	710		3*(239 x 1030 x 372) plus 708 x 1032 x 553	852*
LV7000-3 1770 5-A0N0TSF-A1A2000000	1770	1947	1600	2400	1000	900	FR14	4*(239 x 1030 x 372) plus 2*(708 x 1032 x 553)	995*
LV7000-3 2150 5-A0N0TSF-A1A2000000	2150	2365	1940	2910	1200	1100		4*(239 x 1030 x 372) plus 2*(708 x 1032 x 553)	1010*

LV7000-3 — 525-690V — IP00 — EMC-level N/T — 12-pulse supply

GEPC TYPE CODE	Load ability				Motor Shaft Power		Frame	Dimensions	Weight
	Low (+40°C)		High (+40°C)				Size	W x H x D	[kg]
	I_L[A]	I_L(overload)	I_H[A]	I_H(overload)	P_L[kW]	P_H[kW]		[mm]	
LV7000-3 0261 6-A0N0SSA-A1A2000000	261	287	208	312	250	200	FR10	500 x 1165 x 506	176*
LV7000-3 0325 6-A0N0SSA-A1A2000000	325	358	261	392	315	250		500 x 1165 x 506	207*
LV7000-3 0385 6-A0N0SSA-A1A2000000	385	424	325	488	355	315		500 x 1165 x 506	207*
LV7000-3 0416 6-A0N0SSA-A1A2000000 **	416	458	325	488	400	315		500 x 1165 x 506	207*
LV7000-3 0460 6-A0N0SSA-A1A2000000	460	506	385	578	450	355	FR11	709 x 1206 x 503	325*
LV7000-3 0502 6-A0N0SSA-A1A2000000	502	552	460	690	500	450		709 x 1206 x 503	325*
LV7000-3 0590 6-A0N0SSA-A1A2000000 **	590	649	502	753	560	500		709 x 1206 x 503	378*
LV7000-3 0650 6-A0N0SSA-A1A2000000	650	715	590	885	630	560	FR12	2*(500 x 1165 x 506)	414*
LV7000-3 0750 6-A0N0SSA-A1A2000000	750	825	650	975	710	630		2*(500 x 1165 x 506)	414*
LV7000-3 0820 6-A0N0SSA-A1A2000000 **	820	902	750	975	800	710		2*(500 x 1165 x 506)	414*
LV7000-3 0920 6-A0N0SSF-A1A2000000	920	1012	820	1230	900	800	FR13	2*(239 x 1030 x 372) plus 708 x 1032 x 553	670*
LV7000-3 1030 6-A0N0SSF-A1A2000000	1030	1133	920	1380	1000	900		2*(239 x 1030 x 372) plus (708 x 1032 x 553)	670*
LV7000-3 1180 6-A0N0SSF-A1A2000000 **	1180	1298	1030	1463	1150	1000		2*(239 x 1030 x 372) plus 2*(708 x 1032 x 553)	700*
LV7000-3 1500 6-A0N0SSF-A1A2000000	1500	1650	1300	1950	1500	1300	FR14	3*(239 x 1030 x 372) plus 2*(708 x 1032 x 553)	925*
LV7000-3 1900 6-A0N0SSF-A1A2000000	1900	2090	1500	2250	1800	1500		4*(239 x 1030 x 372) plus 2*(708 x 1032 x 553)	995*
LV7000-3 2250 6-A0N0SSF-A1A2000000 **	2250	2475	1900	2782	2000	1800		4*(239 x 1030 x 372) plus 2*(708 x 1032 x 553)	1010*

List above consider standard hardware (SSS) (Exception FR13-14 Standard = SSF). For varnished option (SSB) (Exception FR13-14 varnished = SSG), it must be included in the varnished adder in the options.
* Includes weight of input choke; ** Max 35C ambient temperature; Input choke delivered a loose components (Not included in total dimensions); 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 1 min/10 min overload current (high overload).
No marine certificate included. For specific marine certificate adders, please consult 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