

AutomationDirect » GS Series of VFDs

Catalog Number GS1, GS2 & GS3 VFD, VSD, Inverter 2 Year Warranty	Catalog Number GS4 V/F (V/Hz Control) Sensorless Vector	Rated Amps	HP	Voltage	Phase	Fuse Kit	Fuse
GS1-10P2			0.25	120	1ph in - 3 ph out	GS-10P2-FKIT-1P	GS-10P2-FUSE-1P-5pk
GS1-10P5			0.5	120	1ph in - 3 ph out	GS-10P5-FKIT-1P	GS-10P5-FUSE-1P-5pk
GS1-20P2			0.25	230	1ph in - 3 ph out		
GS1-20P5			0.5	230	1ph in - 3 ph out	GS-20P5-FKIT-1P	GS-20P5-FUSE-1P-5pk
GS1-21P0			1	230	1ph in - 3 ph out	GS-21P0-FKIT-1P	GS-21P0-FUSE-1P-5pk
GS1-22P0			2	230	1ph in - 3ph out	GS-22P0-FKIT-1P	GS-22P0-FUSE-1P-5pk
GS2-10P2		1.6	0.25	115/230	1ph in - 3ph out	GS-10P2-FKIT-1P	GS-10P2-FUSE-1P-5pk
GS2-10P5		2.5	0.5	115/230	1ph in - 3ph out	GS-10P5-FKIT-1P	GS-10P5-FUSE-1P-5pk
GS2-11P0			1	120	1ph in - 3ph out	GS-11P0-FKIT-1P	GS-11P0-FUSE-1-5pk
GS2-20P5		2.5	0.5	230	1ph or 3ph in - 3ph out	GS-20P5-FKIT-3P	(1) JHL10
GS2-21P0	GS4-21P0	5	1	230	1ph or 3ph in - 3ph out	GS-21P0-FKIT-3P	(3) JHL10
GS2-22P0	GS4-22P0	8	2	230	1ph or 3ph in - 3ph out	GS-22P0-FKIT-3P	(3) JHL15
GS2-23P0	GS4-23P0	11	3	230	1ph or 3ph in - 3ph out	GS-23P0-FKIT-3P	(3) JHL25
GS2-25P0	GS4-25P0	17	5	230	3ph in - 3ph out	GS-25P0-FKIT	(3) JHL35
GS2-27P5	GS4-27P5	25	7.5	230	3ph in - 3ph out	GS-27P5-FKIT	(3) JHL50
GS3-2010	GS4-2010	33	10	230	3ph in - 3ph out		(3) JHL70
GS3-2015	GS4-2015	49	15	230	3ph in - 3ph out		(3) JHL100
GS3-2020	GS4-2020	65	20	230	3ph in - 3ph out	GS-2020-FKIT	(3) JHL125
GS3-2025	GS4-2025	75	25	230	3ph in - 3ph out	GS-2025-FKIT	(3) JHL150
GS3-2030	GS4-2030	90	30	230	3ph in - 3ph out	GS-2030-FKIT	(3) JHL175
GS3-2040	GS4-2040	120	40	230	3ph in - 3ph out	GS-2040-FKIT	(3) JHL175
GS3-2050	GS4-2050	146	50	230	3ph in - 3ph out	GS-2050-FKIT	(3) JHL200
	GS4-2060	180	60	230	3ph in - 3ph out		(3) JHL250
	GS4-2075	215	75	230	3ph in - 3ph out		(3) JHL300
	GS4-2100	255	100	230	3ph in - 3ph out		(3) JHL350
GS2-41P0	GS4-41P0	2.9	1	460	3ph in - 3ph out	GS-41P0-FKIT	(3) JHL6
GS2-42P0	GS4-42P0	3.8	2	460	3ph in - 3ph out	GS-42P0-FKIT	(3) JHL10
GS2-43P0	GS4-43P0	5.7	3	460	3ph in - 3ph out	GS-43P0-FKIT	(3) JHL15
GS2-45P0	GS4-45P0	8.1	5	460	3ph in - 3ph out	GS-45P0-FKIT	(3) JHL20
GS2-47P5	GS4-47P5	11	7.5	460	3ph in - 3ph out	GS-47P5-FKIT	(3) JHL25
GS2-4010	GS4-4010	17	10	460	3ph in - 3ph out	GS-4010-FKIT	(3) JHL35
GS3-4015	GS4-4015	23	15	460	3ph in - 3ph out	GS-4015-FKIT	(3) JHL450
GS3-4020	GS4-4020	30	20	460	3ph in - 3ph out	GS-4020-FKIT	(3) JHL60
GS3-4025	GS4-4025	36	25	460	3ph in - 3ph out	GS-4025-FKIT	(3) JHL70
GS3-4030	GS4-4030	43	30	460	3ph in - 3ph out	GS-4030-FKIT	(3) JHL90
GS3-4040	GS4-4040	57	40	460	3ph in - 3ph out	GS-4040-FKIT	(3) JHL125
GS3-4050	GS4-4050	69	50	460	3ph in - 3ph out	GS-4050-FKIT	(3) JHL100
GS3-4060	GS4-4060	86	60	460	3ph in - 3ph out	GS-4060-FKIT	(3) JHL125
GS3-4075	GS4-4075	105	75	460	3ph in - 3ph out	GS-4075-FKIT	(3) JHL150
GS3-4100	GS4-4100	143	100	460	3ph in - 3ph out	GS-4100-FKIT	(3) JHL200
	GS4-4125	171	125	460	3ph in - 3ph out		(3) JHL250
	GS4-4150	209	150	460	3ph in - 3ph out		(3) JHL300
	GS4-4175	247	175	460	3ph in - 3ph out		(3) JHL350
	GS4-4200	295	200	460	3ph in - 3ph out		(3) JHL450
	GS4-4250	352	250	460	3ph in - 3ph out		(3) JHL500
	GS4-4300	437	300	460	3ph in - 3ph out		(3) LCU700

GS4-CM-ENETIP	GS4 Ethernet/IP Comm
GS4-CM-MODTCP	GS4 Modbus TCP Comm
GSOFT2	Windows Configuration SW for GS1, GS2, GS3, and New GS4
GSLOGIC	Windows Logic SW for GS4 - see IO modules
GS4-06CDD, GS4-06NA, GS4-06TR	IO modules



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Line Reactor	Dynamic Braking Unit	Braking Resistor	EMI Filters	Inverter Duty Motors 1800 RPM Constant Torque 20:1 + Model# - Frame Size
		GS-20P5-BR		
		GS-21P0-BR		
		GS-22P0-BR		
LR-10P2-1PH				Y500 - 58C
LR-10P5-1PH				Y380 - 58C
LR-11P0-1PH				
LR-20P5-1PH		GS-20P5-BR		Y380 - 58C
LR-21P0		(1) GS-080W200	KMF325A	Y384 - 58C
LR-23P0		(1) GS-200W091	KMF325A	Y388 - 145TC
LR-23P0		(1) GS-300W070	KMF325A	Y1999 - 182TC
LR-25P0		(1) GS-400W040	KMF325A	Y1372 - 184TC
LR-27P5		(1) GS-1K0W020	KMF370A	Y994 - 213TC
LR-2010		(1) GS-1K0W020	KMF370A	Y996 - 215TC
LR-2015		(1) GS-1K5W013	KMF370A	Y549 - 254TC
LR-2020		(2) GS-1K0W4P3	KMF3100A	Y552 - 256TC
LR-2025		(2) GS-1K0W4P3	KMF3100A	Y553 - 284TC
LR-2040		(2) GS-1K5W3P3	KMF3100A	Y393 - 286TC
LR-2040	(2) GS-1DBU	(4) GS-1K0W5P1	MIF3150	Y514 - 326TC
LR-2050	(2) GS-2DBU	(4) GS-1K2W3P9	MIF3150	Y515 - 384TC
NA	(2) GS-2DBU	(4) GS-1K5W3P3	MIF3400B	Y515 - 384TC
NA	(3) GS-2DBU	(6) GS-1K2W3P9	MIF3400B	Y516 - 385TC
NA	(4) GS-2DBU	(8) GS-1K2W3P9	MIF3400B	Y517 - 405TC
LR-41P0		(1) GS-080W750	KMF318A	Y384 - 58C
LR-42P0		(1) GS-200W380	KMF318A	Y388 - 145TC
LR-43P0		(1) GS-300W250	KMF318A	Y1999 - 182TC
LR-45P0		(1) GS-400W150	KMF318A	Y1372 - 184TC
LR-47P5		(1) GS-1K0W075	KMF318A	Y994 - 213TC
LR-4010		(1) GS-1K0W075	KMF350A	Y996 - 215TC
LR-4015		(1) GS-1K5W043	KMF350A	Y549 - 254TC
LR-4020		(2) GS-1K0W016	KMF350A	Y552 - 256TC
LR-4025		(2) GS-1K0W016	KMF370A	Y553 - 284TC
LR-4030		(2) GS-1K5W013	KMF370A	Y393 - 286TC
LR-4040		(4) GS-1K0W016	KMF370A	Y514 - 326TC
LR-4050	(1) GS-4DBU	(4) GS-1K2W015	MIF375	Y515 - 384TC
LR-4080	(1) GS-4DBU	(4) GS-1K5W013	MIF3150	Y515 - 384TC
LR-4075	(2) GS-3DBU	(8) GS-1K0W5P1	MIF3150	Y516 - 385TC
LR-4100	(2) GS-4DBU	(8) GS-1K2W015	MIF3150	Y517 - 405TC
LR-4125	(2) GS-4DBU	(8) GS-1K5W013	MIF3400B	
LR-4150	(1) GS-5DBU	(10) GS-1K2W015	MIF3400B	
LR-4200	(1) GS-6DBU	(12) GS-1K5W012	MIF3400B	
LR-4250	(1) GS-5DBU	(12) GS-1K5W012	MIF3400B	
LR-4250	(1) GS-7DBU	(14) GS-1K5W012	MIF3800 + (3) TOR254	
LR-4300	(2) GS-5DBU	(20) GS-1K2W015	MIF3800 + (3) TOR254	

- GS2 drives are for simple Volts/Hertz control - PWM - IGBT - 150% rated overvoltage current for 1 minute
- GS2 drives have RS-232/485 Modbus RTU communications
- GS3 drives have all the GS2 features plus sensorless vector control with optional encoder feedback card - GS3-FB
- Ethernet Communications via GS-EDRV100 add on DIN rail mount converter from Modbus/RTU to Modbus TCP For GS2 and GS3
- Electronic overload protection - Adjustable accel and decel ramps - Dynamic and DC braking circuit
- GS4 Drive with STO - Safe Torque Off (TUV certified)
- Input Line Reactors protect the AC drive from transient conditions and reduces harmonics.
- Output Line Reactors are recommended for operating "non-inverter-duty" motors
- Output Line Reactors protect the motor insulation against drive short circuits & IGBT reflective wave damage
- Output Line Reactors "smooth" the motor current waveform allowing the motor to run cooler
- GS4 Flange Mount Kits available
- GS4 NEMA1 Conduit Box's available