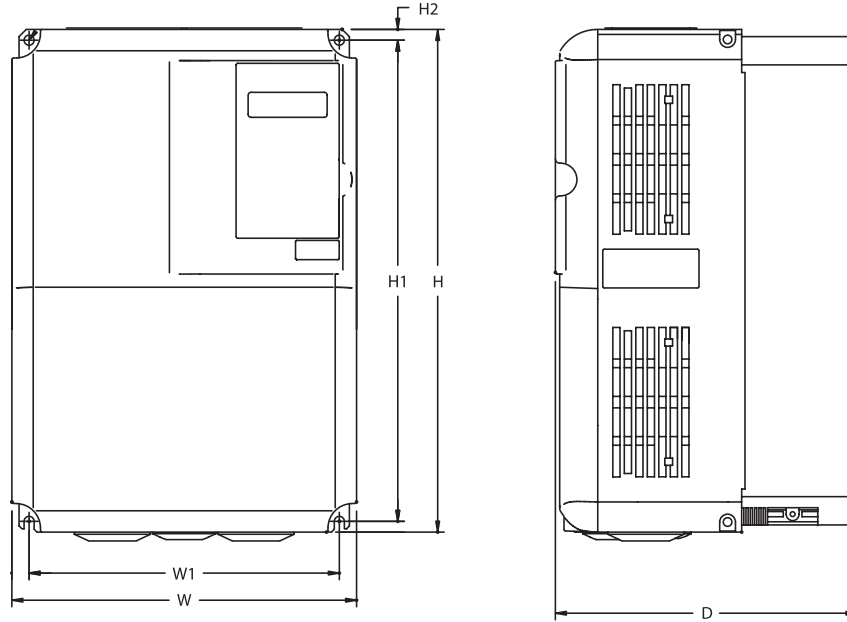


IMPULSE® G+/VG+ Series 3

Technical Data



230V Dimensions and Drive Ratings

Voltage Rating	Model Number	*Max Full Load Amps	Rated HP (Apprx.)	Overall Dimensions in inches (mm)			Mounting Dimensions in inches (mm)			Wt. Lbs/
				W	H	D	W1	H1	H2	
230 Volt	2007-G+S3 2007-FVG+S3	7	1	5.51 (140)	11.02 (280)	6.30 (160)	4.95 (126)	10.47 (266)	0.28 (7)	6.6
	2009-G+S3 2009-FVG+S3	9	2	5.51 (140)	11.02 (280)	6.30 (160)	4.95 (126)	10.47 (266)	0.28 (7)	6.6
	2015-G+S3 2015-FVG+S3	15	3	5.51 (140)	11.02 (280)	7.09 (180)	4.95 (126)	10.47 (266)	0.28 (7)	8.8
	2023-G+S3 2023-FVG+S3	23	7.5	5.51 (140)	11.02 (280)	7.09 (180)	4.95 (126)	10.47 (266)	0.28 (7)	8.8
	2031-G+S3 2031-FVG+S3	31	10	7.87 (200)	11.81 (300)	7.87 (200)	7.32 (186)	11.22 (285)	0.28 (7)	13.2
	2045-G+S3 2045-FVG+S3	45	15	7.87 (200)	11.81 (300)	7.87 (200)	7.32 (186)	11.22 (285)	0.28 (7)	15.4
	2058-G+S3 2058-FVG+S3	58	20	9.45 (240)	13.78 (350)	8.27 (210)	8.50 (216)	13.19 (335)	0.30 (7.62)	24.2
	2071-G+S3 2071-FVG+S3	71	25	9.45 (240)	14.96 (380)	8.27 (210)	8.50 (216)	13.19 (335)	0.30 (7.62)	24.2
	2085-G+S3 2085-FVG+S3	85	30	10.0 (254)	21.06 (535)	10.24 (260)	7.68 (195)	15.16 (385)	0.30 (7.62)	53
	2145-G+S3 2145-FVG+S3	145	50	14.76 (375)	23.62 (600)	11.81 (300)	9.84 (250)	22.64 (575)	0.49 (12.5)	125
	2215-G+S3 2215-FVG+S3	215	75	17.72 (450)	28.54 (725)	13.78 (350)	12.80 (325)	27.56 (700)	0.49 (12.5)	189
	2283-G+S3 2283-FVG+S3	283	100	17.72 (450)	28.54 (725)	13.78 (350)	12.80 (325)	27.56 (700)	0.49 (12.5)	191
	2346-G+S3 2346-FVG+S3	346	125	19.69 (500)	33.46 (850)	14.17 (360)	14.57 (370)	32.28 (820)	0.59 (15)	238

* NOTE...Applications such as high duty cycles (CMAA Class E or F) in conjunction with high ambient or other unique environmental conditions can sometimes impact drive ratings. Please consult factory.
Due to ongoing product improvements, data is subject to change without notice.

460V Dimensions and Drive Ratings

Voltage Rating	Model Number	*Max Full Load Amps	Rated HP (Apprx.)	Overall Dimensions in inches (mm)			Mounting Dimensions in inches (mm)			Wt. Lbs.
				W	H	D	W1	H1	H2	
460 Volt	4002-G+S3 4002-FVG+S3	2.1	1	5.51 (140)	11.02 (280)	6.30 (160)	4.95 (126)	10.47 (266)	0.28 (7)	6.6
	4003-G+S3 4003-FVG+S3	3.7	2	5.51 (140)	11.02 (280)	6.30 (160)	4.95 (126)	10.47 (266)	0.28 (7)	6.6
	4005-G+S3 4005-FVG+S3	5.3	3	5.51 (140)	11.02 (280)	7.09 (180)	4.95 (126)	10.47 (266)	0.28 (7)	8.8
	4007-G+S3 4007-FVG+S3	8.7	5	5.51 (140)	11.02 (280)	7.09 (180)	4.95 (126)	10.47 (266)	0.28 (7)	8.8
	4012-G+S3 4012-FVG+S3	12.5	7.5	5.51 (140)	11.02 (280)	7.09 (180)	4.95 (126)	10.47 (266)	0.28 (7)	8.8
	4017-G+S3 4017-FVG+S3	17	10	7.87 (200)	11.81 (300)	7.87 (200)	7.32 (186)	11.22 (285)	0.28 (7)	13.2
	4024-G+S3 4024-FVG+S3	24	15	7.87 (200)	11.81 (300)	7.87 (200)	7.32 (186)	11.22 (285)	0.28 (7)	13.2
	4031-G+S3 4031-FVG+S3	31	20	9.45 (240)	13.78 (350)	8.27 (210)	8.5 (215)	13.19 (335)	0.30 (7.5)	22
	4039-G+S3 4039-FVG+S3	39	25	9.45 (240)	13.78 (350)	8.27 (210)	8.5 (215)	13.19 (335)	0.30 (7.5)	22
	4045-G+S3 4045-FVG+S3	45	30	10.98 (275)	17.72 (450)	10.24 (260)	8.66 (220)	17.13 (435)	0.30 (7.5)	53
	4060-G+S3 4060-FVG+S3	60	40	10.98 (275)	17.72 (450)	10.24 (260)	8.66 (220)	17.13 (435)	0.30 (7.5)	53
	4075-G+S3 4075-FVG+S3	75	50	12.80 (325)	21.65 (550)	11.22 (285)	10.24 (260)	21.06 (535)	0.30 (7.5)	88
	4091-G+S3 4091-FVG+S3	91	60	12.80 (325)	21.65 (550)	11.22 (285)	10.24 (260)	21.06 (535)	0.30 (7.5)	88
	4112-G+S3 4112-FVG+S3	112	75	12.80 (325)	21.65 (550)	11.22 (285)	10.24 (260)	21.06 (535)	0.30 (7.5)	88
	4150-G+S3 4150-FVG+S3	150	100	17.72 (450)	28.54 (725)	13.78 (350)	12.80 (325)	27.56 (700)	0.49 (12.5)	194
	4180-G+S3 4180-FVG+S3	180	125	17.72 (450)	28.54 (725)	13.78 (350)	12.80 (325)	27.56 (700)	0.49 (12.5)	196
	4260-G+S3 4260-FVG+S3	260	200	19.69 (500)	33.46 (850)	14.17 (360)	14.57 (370)	32.28 (820)	0.59 (15)	265
	4304-G+S3 4304-FVG+S3	304	250	22.64 (575)	36.06 (916)	14.88 (373)	17.52 (445)	33.66 (855)	0.59 (15)	352
	4370-G+S3 4370-FVG+S3	370	300	27.95 (710)	51.38 (1305)	16.26 (413)	10.63 (270)	50.00 (1270)	0.79 (20)	572
	4477-G+S3 4477-FVG+S3	477	350	27.95 (710)	51.38 (1305)	16.26 (413)	10.63 (270)	50.00 (1270)	0.79 (20)	616
4590-G+S3 4590-FVG+S3	590	500	36.06 (916)	58.07 (1475)	16.26 (413)	14.37 (365)	56.70 (1440)	0.79 (20)	891	

* NOTE...Applications such as high duty cycles (CMAA Class E or F) in conjunction with high ambient temperatures or other unique environmental conditions can sometimes impact drive ratings. Please consult factory.

Due to ongoing product improvements, data is subject to change without notice.



www.electromotive.com

Electromotive Systems

P.O. Box 13615
Milwaukee, WI 53213
Phone: 800-288-8178
Fax: 800-298-3503

N49 W13650 Campbell Drive
Menomonee Falls, WI 53051

Brochure No. IMPULSETECH-04A
Copyright © 2004
Printed in U.S.A.