

FG-series

conventional range

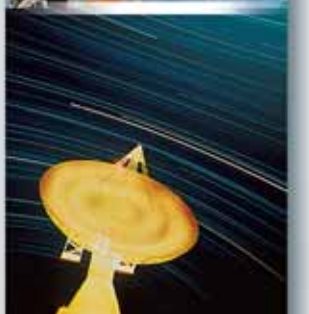
Valve regulated lead-acid batteries

All Fiamm-GS batteries have been specifically developed to enhance economy of operation, reliability and energy output. The values reached in these areas position Fiamm-GS batteries among the very best presently available on the market. They represent the ideal solution for all applications.







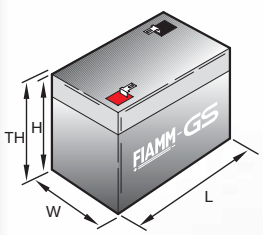


Technical information

Type	VdS	Nominal voltage (V)	CAPACITY (Ah) Discharge 20 h rate 1,75V/cell	Discharge 10 h rate 1,75V/cell	Discharge 5 h rate 1,70V/cell	Discharge 1,5 h rate 1,60V/cell	Approx. Weight (gr)	Terminal position figure	DIMENSIONS (mm) L	W	H	TH	Max discharge current 5" (A)	TEMPERAT. (°C) Charge	Discharge	Storage	Max charge current (A)	Terminal type
FG10121		6	1,20	1,08	1,00	0,78	300	6	97	24,5	50,5	55	12				0,36	FASTON 4,8
FG10301	■	6	3,00	2,70	2,55	1,95	680	2	134	34	60	67	30				0,90	FASTON 4,8
FG10381		6	3,80	2,88	2,72	2,08	750	3	66	33	118	125	40				1,14	FASTON 4,8
FG10451		6	4,50	3,60	3,40	2,60	890	1	70	47	102	107	45				1,20	FASTON 4,8
FG10721		6	7,20	6,30	5,95	4,55	1380	3	151	34	94	99	72				2,16	FASTON 4,8
FG11201/2	■	6	12,00	10,80	9,60	7,50	2100	2	151	50	94	99	120				3,6	FASTON 4,8 / 6,3
FG20086		12	0,80	0,72	0,63	0,53	360	7	96	25	61,5	61,5	40				0,24	WIRE+CONNECTOR
FG20121	■	12	1,20	1,06	0,98	0,80	580	4	97	48,5	50,5	55	12				0,36	FASTON 4,8
FG20121A		12	1,20	1,08	1,00	0,78	550	4	97	42	51	55	12				0,36	FASTON 4,8
FG20201	■	12	2,00	1,83	1,65	1,37	890	2	178	34	60	65	30				0,60	FASTON 4,8
FG20271		12	2,70	2,43	2,25	1,76	1100	3	79	55,5	102	106	30				0,81	FASTON 4,8
FG20301		12	3,00	2,70	2,55	1,95	1400	4	134	67	60	65	40	0	-20	-20	0,9	FASTON 4,8
FG20451		12	4,50	4,10	3,80	3,00	1700	3	90	70	102	106	45	÷	÷	÷	1,2	FASTON 4,8
FG20721/2	■	12	7,20	6,70	6,00	5,00	2450	4	151	65	94	99	72	40	50	51	2,16	FASTON 4,8 / 6,3
FG21201/2	■	12	12,00	11,30	10,00	8,40	4050	4	151	98	94	99	120				3,6	FASTON 4,8 / 6,3
FG21503	■	12	15,00	13,70	12,30	9,90	5800	8	181	76	167	167	300				4,5	FLAG Ø 5,5
FG21803		12	18,00	16,90	15,00	12,70	6000	8	181	76	167	167	300				5,4	FLAG Ø 5,5
FG22703/5	■	12	27,00	24,40	22,10	18,40	9000	8/5	166	175	125	125	300				8,1	FLAG Ø 5,5/ROUND M5
FG24204/7	■	12	42,00	37,90	34,40	28,50	14600	8/5	196	163	174	174	400				12,6	FLAG Ø 6,5/ROUND M6
FG26505	■	12	65,00	58,30	54,00	45,10	22600	5	271	166	190	190	400				19,5	ROUND M5
FG27004/7	■	12	70,00	64,40	58,50	47,40	23800	8/5	350	166	174	174	600				21	FLAG Ø 6,5/ROUND M6
FG2A007		12	100,00	94,00	85,00	70,80	34000	5	329	172	214	221	800				30	ROUND M6
FG2C007		12	120,00	112,00	102,00	85,00	40000	5	407	173	210	240	800				36	ROUND M6
FG2F009		12	150,00	141,00	127,00	106,00	54000	9	497	203	233	235	900				50	ROUND M8
FG2M009		12	200,00	188,00	170,00	141,00	71000	9	497	259	228	235	1000				60	ROUND M8

EXTENDED LIFE TIME

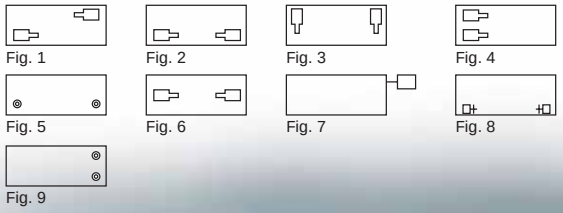
All data may be subject to variations



Terminal type

- Faston
- Wire + connector
- Flag (Bolt and nut)
- Round (Threaded inserted)

Terminal position



FIAMM-GS



FG-series

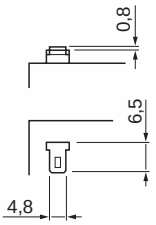
conventional range

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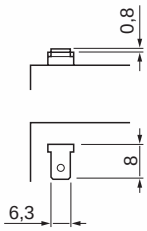
Terminal type

(last digit of model number)

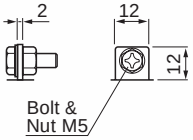
Type 1
Faston 4,8



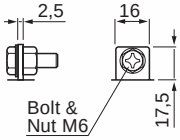
Type 2
Faston 6,3



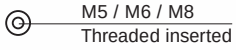
Type 3
Flag M5



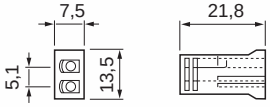
Type 4
Flag M6



Type 5 / 7 / 9
Round



Type 6
Wire and connector



MALE
AMP. INC.
N. 1-480318-0

FEMALE
AMP. INC.
N. 60617-1

Wire length
105 (D. 4134) ÷ 10 (D. 0394)

Constant power discharge (W)

Final Voltage: 1.6V/Cell

Time	5'	7'	10'	15'	20'	30'	45'	1h	2h	3h	5h	10h	20h
FG20721	298,3 W	243,2 W	193,8 W	147,7 W	120,9 W	90,2 W	66,5 W	53,2 W	30,4 W	21,6 W	13,9 W	7,5 W	4,0 W
FG21201/2	359,0 W	307,8 W	256,1 W	202,9 W	169,5 W	129,3 W	96,7 W	77,9 W	44,9 W	32,0 W	20,6 W	11,2 W	6,0 W
FG21803	680,8 W	556,5 W	445,5 W	342,3 W	282,0 W	212,7 W	158,7 W	128,2 W	75,0 W	54,1 W	35,4 W	19,5 W	10,5 W
FG22703/5	808,2 W	702,3 W	590,3 W	471,1 W	394,8 W	301,5 W	225,4 W	181,3 W	104,1 W	74,2 W	47,9 W	26,3 W	14,6 W
FG24204/7	1620,8 W	1322,8 W	912,0 W	708,0 W	585,0 W	442,2 W	318,6 W	260,4 W	151,2 W	109,8 W	73,2 W	38,9 W	21,4 W
FG26505	2474,0 W	2090,0 W	1720,0 W	1350,0 W	1121,0 W	822,0 W	596,0 W	475,0 W	275,0 W	202,0 W	129,6 W	69,3 W	40,2 W
FG27004/7	2474,9 W	2092,3 W	1723,5 W	1357,0 W	1132,5 W	864,9 W	650,1 W	526,3 W	308,1 W	221,9 W	144,9 W	79,8 W	43,3 W
FG2A007	3714,0 W	3160,2 W	2622,0 W	2034,0 W	1680,0 W	1272,0 W	912,0 W	744,0 W	432,6 W	314,4 W	209,4 W	111,0 W	61,2 W
FG2C007	4271,0 W	3792,0 W	3146,0 W	2440,0 W	2016,0 W	1526,0 W	1094,0 W	892,0 W	519,0 W	377,0 W	251,0 W	133,0 W	73,4 W
FG2F009	5199,0 W	4740,0 W	3933,0 W	3051,0 W	2520,0 W	1908,0 W	1368,0 W	1116,0 W	648,0 W	471,0 W	314,0 W	166,0 W	91,8 W
FG2M009	6228,0 W	5846,5 W	5244,0 W	4068,0 W	3360,0 W	2544,0 W	1824,0 W	1488,0 W	865,2 W	628,8 W	418,8 W	222,0 W	122,4 W

Final Voltage: 1.7V/Cell

Time	5'	7'	10'	15'	20'	30'	45'	1h	2h	3h	5h	10h	20h
FG20721	281,4 W	233,3 W	188,3 W	145,1 W	119,4 W	89,5 W	66,1 W	52,8 W	30,1 W	21,4 W	13,8 W	7,5 W	4,0 W
FG21201/2	333,3 W	288,7 W	242,7 W	194,3 W	163,4 W	125,7 W	94,7 W	76,6 W	44,5 W	31,8 W	20,5 W	11,2 W	6,0 W
FG21803	628,9 W	525,9 W	429,0 W	334,8 W	278,1 W	211,2 W	158,2 W	127,8 W	74,6 W	53,7 W	35,1 W	19,3 W	10,5 W
FG22703/5	756,1 W	664,3 W	564,4 W	455,5 W	384,5 W	296,3 W	223,2 W	180,4 W	104,5 W	74,6 W	48,2 W	26,4 W	14,5 W
FG24204/7	1482,2 W	1243,8 W	1019,8 W	801,3 W	669,0 W	512,1 W	386,5 W	314,0 W	185,4 W	134,1 W	87,8 W	48,2 W	25,8 W
FG26505	2292,0 W	1980,0 W	1660,0 W	1325,0 W	1094,0 W	795,0 W	581,0 W	465,0 W	270,0 W	198,0 W	128,6 W	69,0 W	40,0 W
FG27004/7	2292,4 W	1981,4 W	1662,5 W	1329,2 W	1117,9 W	859,8 W	648,5 W	525,4 W	306,9 W	220,4 W	143,5 W	78,9 W	43,2 W
FG2A007	3330,0 W	3123,4 W	2436,0 W	1968,0 W	1632,0 W	1248,0 W	888,0 W	732,0 W	420,0 W	306,6 W	201,0 W	109,8 W	60,0 W
FG2C007	3829,0 W	3748,0 W	2923,0 W	2361,0 W	1958,0 W	1497,0 W	1065,0 W	878,0 W	504,0 W	367,0 W	241,0 W	131,0 W	72,0 W
FG2F009	4662,0 W	4685,0 W	3654,0 W	2952,0 W	2448,0 W	1872,0 W	1332,0 W	1098,0 W	630,0 W	459,0 W	301,0 W	164,0 W	90,0 W
FG2M009	5553,6 W	5169,6 W	4872,0 W	3936,0 W	3264,0 W	2496,0 W	1776,0 W	1464,0 W	840,0 W	613,0 W	402,0 W	219,0 W	120,0 W

Constant current discharge (A)

Final Voltage: 1.6V/Cell

Final Voltage: 1.7V/Cell

Time	5'	10'	15'	20'	30'	45'	1h	2h	3h	5h	10h	20h
FG20721	29 A	18 A	13 A	11 A	8 A	6 A	4,6 A	2,6 A	1,9 A	1,18 A	0,65 A	0,37 A
FG21201/2	48 A	31 A	23 A	19 A	14 A	10 A	7,6 A	4,2 A	3,0 A	1,89 A	1,03 A	0,64 A
FG21803	67 A	41 A	31 A	25 A	19 A	14 A	11,0 A	6,4 A	4,6 A	3,00 A	1,62 A	0,92 A
FG22703/5	97 A	60 A	45 A	37 A	27 A	21 A	16,9 A	10,5 A	7,3 A	4,70 A	2,62 A	1,42 A
FG24204/7	156 A	100 A	76 A	63 A	47 A	35 A	28,0 A	16,0 A	11,4 A	7,40 A	4,02 A	2,15 A
FG26505	246 A	166 A	126 A	101 A	74 A	50,4 A	39,9 A	23,2 A	17,1 A	10,8 A	5,9 A	3,25 A
FG27004/7	246 A	168 A	129 A	106 A	79 A	57 A	45,0 A	26,0 A	18,1 A	11,70 A	6,44 A	3,58 A
FG2A007	384 A	251 A	192 A	151 A	115 A	81,2 A	64,0 A	36,1 A	25,7 A	17,0 A	9,6 A	5,1 A
FG2C007	441 A	301 A	230 A	181 A	138 A	97,4 A	76,8 A	43,3 A	30,8 A	20,4 A	11,5 A	6,1 A
FG2F009	537 A	376 A	288 A	226 A	172 A	121,0 A	96,0 A	54,1 A	38,5 A	25,5 A	14,4 A	7,6 A
FG2M009	643 A	504 A	384 A	302 A	230 A	162,0 A	125,0 A	72,2 A	51,4 A	34,0 A	19,4 A	10,1 A

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