



FG-series

conventional range

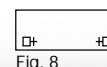
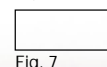
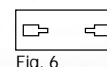
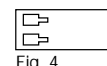
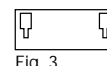
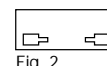
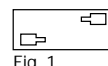
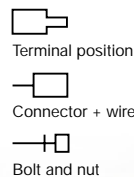
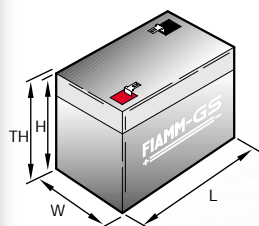
Valve regulated lead-acid batteries

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)				Weight gr	Terminal position figure	DIMENSIONS (mm)				Max discharge current (A)	TEMPERAT. (°C)			Max charge current (A)	Terminal
			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			L	W	H	TH		Charge	Discharge	Storage		
FG10121		6	1,20	1,08	1,00	0,78	300	6	97	24,5	50,5	55	7,2				0,360	FASTON 4,8
FG10301		6	3,00	2,70	2,55	1,95	680	2	134	34	60	65	18,0				0,900	FASTON 4,8
FG10381		6	3,80	2,88	2,72	2,08	750	3	66	33	118	124	19,2				1,140	FASTON 4,8
FG10451		6	4,50	3,60	3,40	2,60	890	1	70	48	102	106	24,0				1,200	FASTON 4,8
FG10721		6	7,20	6,30	5,95	4,55	1380	3	151	34	94	98	36,0				2,160	FASTON 4,8
FG11201	■	6	12,00	10,80	9,60	7,50	2100	2	151	50	94	99	72,0				3,600	FASTON 4,8
FG11202	■	6	12,00	10,80	9,60	7,50	2100	2	151	50	94	99	72,0				3,600	FASTON 6,3
FG20086		12	0,80	0,72	0,63	0,53	360	7	96	25	61,5	61,5	3,2				0,240	LEAD WIRE+SOCKET
FG20121	■	12	1,20	1,06	0,98	0,80	580	4	97	48,5	50,5	55	7,2				0,360	FASTON 4,8
FG20121A		12	1,20	1,08	1,00	0,78	550	4	97	42	51	55	7,2				0,360	FASTON 4,8
FG20201	■	12	2,00	1,83	1,65	1,37	890	2	178	34	60	65	12,0				0,600	FASTON 4,8
FG20271		12	2,70	2,43	2,25	1,76	1100	3	79	55,5	102	106	16,2	0	-20	-20	0,810	FASTON 4,8
FG20301		12	3,00	2,70	2,55	1,95	1300	4	134	68	61	65	18,0	+	+	+	0,900	FASTON 4,8
FG20451		12	4,50	3,60	3,40	2,60	1750	3	90	70	102	106	24,0	40	50	50	1,200	FASTON 4,8
FG20721	■	12	7,20	6,50	5,90	4,60	2650	4	151	65	94	99	43,2				2,160	FASTON 4,8
FG20722	■	12	7,20	6,50	5,90	4,60	2650	4	151	65	94	99	43,2				2,160	FASTON 6,3
FG21201	■	12	12,00	10,80	9,60	7,50	4200	4	151	98	94	99	72,0				3,600	FASTON 4,8
FG21202	■	12	12,00	10,80	9,60	7,50	4200	4	151	98	94	99	72,0				3,600	FASTON 6,3
FG21503	■	12	15,00	13,70	12,30	9,90	6100	8	181	76	167	167	108,0				4,500	BOLT+NUT TYPE M5
FG21803	■	12	18,00	16,20	14,76	11,86	6200	8	181	76	167	167	156,0				5,400	BOLT+NUT TYPE M5
FG22703	■	12	27,00	25,00	23,00	18,00	9000	8	166	175	125	125	162,0				8,100	BOLT+NUT TYPE M5
FG24204	■	12	42,00	38,50	34,50	28,50	15000	8	196	163	174	174	252,0				12,600	BOLT+NUT TYPE M6
FG26504	■	12	65,00	62,00	55,80	46,10	22600	8	271	166	190	190	390,0				19,500	BOLT+NUT TYPE M6
FG27004	■	12	70,00	66,70	60,00	50,00	24000	8	350	166	174	174	420,0				21,000	BOLT+NUT TYPE M6

Technical data may be subject to variations



Terminal position





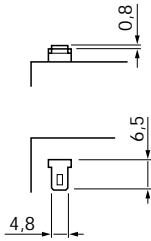
FG-series

conventional range

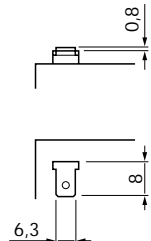
Valve regulated lead-acid batteries

Terminal type

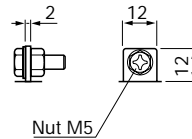
Terminal 1
Terminal type



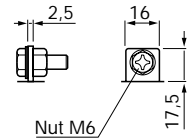
Terminal 2
Terminal type



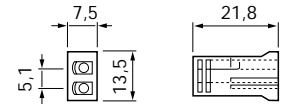
Terminal 3
Bolt and nut type M5



Terminal 4
Bolt and nut type M6



Terminal 6
Lead wire with 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
FG21202	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	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	1620,8 W	1322,8 W	1060,0 W	817,4 W	676,1 W	513,3 W	386,1 W	313,6 W	186,0 W	135,1 W	88,9 W	48,9 W	26,0 W
FG27004	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

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
FG21202	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	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	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
FG27004	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

Constant current discharge (A)

Final Voltage: 1.6V/Cell

Time	5'	10'	15'	20'	30'	45'	1h	2h	3h	5h	10h	20h
FG20721	29 A	17,8 A	13,2 A	10,7 A	7,8 A	5,7 A	4,6 A	2,6 A	1,86 A	1,21 A	0,66 A	0,38 A
FG21202	48 A	31 A	23 A	18,5 A	13,5 A	9,7 A	7,7 A	4,3 A	3,0 A	1,92 A	1,04 A	0,64 A
FG21803	67 A	41 A	31 A	25 A	18,6 A	13,7 A	11,0 A	6,4 A	4,6 A	3,0 A	1,65 A	0,93 A
FG22703	97 A	60 A	45 A	37 A	27 A	21,5 A	17,2 A	10,7 A	7,4 A	4,8 A	2,67 A	1,43 A
FG24204	156 A	100 A	76 A	63 A	47 A	35 A	28 A	16,1 A	11,6 A	7,5 A	4,09 A	2,16 A
FG27004	246 A	168 A	129 A	106 A	79 A	58 A	46 A	26 A	18,3 A	11,8 A	6,50 A	3,59 A

Final Voltage: 1.7V/Cell

Time	5'	10'	15'	20'	30'	45'	1h	2h	3h	5h	10h	20h
FG20721	27 A	17,2 A	13,1 A	10,6 A	7,9 A	5,8 A	4,6 A	2,6 A	1,84 A	1,18 A	0,65 A	0,37 A
FG21202	45 A	29 A	22 A	18,2 A	13,3 A	9,7 A	7,6 A	4,2 A	3,0 A	1,89 A	1,03 A	0,64 A
FG21803	62 A	40 A	30 A	25 A	18,6 A	13,8 A	11,0 A	6,4 A	4,6 A	3,0 A	1,62 A	0,92 A
FG22703	95 A	59 A	44 A	36 A	27 A	21,1 A	16,9 A	10,5 A	7,3 A	4,7 A	2,62 A	1,42 A
FG24204	140 A	96 A	75 A	62 A	47 A	35 A	28 A	16,0 A	11,4 A	7,4 A	4,02 A	2,15 A
FG27004	226 A	160 A	125 A	103 A	78 A	57 A	45 A	26 A	18,1 A	11,7 A	6,44 A	3,58 A



Viale Europa, 63
36075 Montecchio Maggiore - VICENZA - ITALY
Phone +39 444 709350 - Fax +39 444 709360
<http://www.fiamm-gs.com>