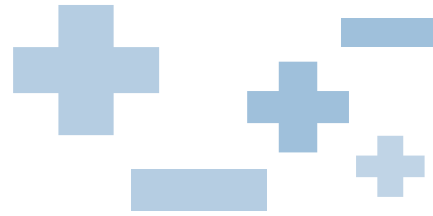


FIAMM

Industrial Batteries

FG series

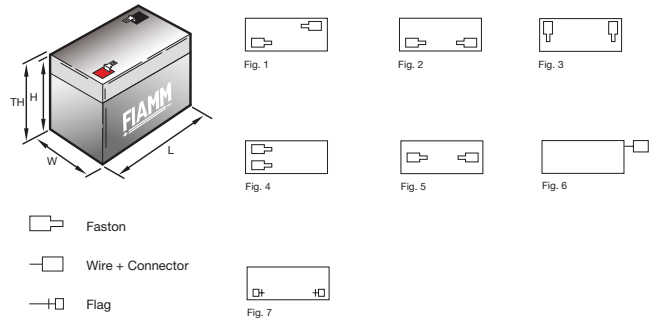


Valve Regulated Lead-Acid batteries

All FIAMM batteries have been specifically developed to enhance economy of operation, reliability and energy output. The values reached in these areas position FIAMM batteries on the top of the market, representing the ideal solution for all applications.



TPF*: Terminal Position Figure



Model	Nominal voltage (V)	Capacity (Ah)				Weight (gr)	TPF*	Dimensions (mm)				Max discharge current 5" (A)	Temp. (°C)			Max charge current (A)	Terminal Type
		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	1.2	1.08	1.00	0.78	315	5	97	24	52	59	12	0 ÷ 40 -20 ÷ 50 -20 ÷ 50	0.3	FAST-ON 4.8		
FG10301	6	3.0	2.7	2.55	1.95	715	2	134	34	60	67	30		0.75	FAST-ON 4.8		
FG10381	6	3.8	2.88	2.72	2.08	720	3	66	33	118	125	38		0.95	FAST-ON 4.8		
FG10451	6	4.5	3.6	3.4	2.6	725	1	70	47	100	106	45		1.13	FAST-ON 4.8		
FG10501	6	5.0	4.0	3.8	2.9	820	1	70	47	100	106	50		1.25	FAST-ON 4.8		
FG10721	6	7.2	6.3	5.95	4.55	1225	3	151	34	94	100	72		1.8	FAST-ON 4.8		
FG11201/2	6	12	10.8	9.6	7.5	1900	2	151	50	93	99	120		3	FAST-ON 4.8 / 6.3		

FG20086	12	0.8	0.72	0.63	0.53	350	6	96	25	62	62	8	0 ÷ 40 -20 ÷ 50 -20 ÷ 50	0.2	WIRE+CONNECTOR
FG20121	12	1.2	1.06	0.98	0.8	600	4	97	48.5	50.5	56.5	12		0.3	FAST-ON 4.8
FG20121A	12	1.2	1.08	1.0	0.78	600	4	97	43	52	59	12		0.3	FAST-ON 4.8
FG20201	12	2.0	1.83	1.65	1.37	930	2	178	35	60	65	20		0.5	FAST-ON 4.8
FG20271	12	2.7	2.43	2.25	1.76	1130	3	79	56	99	105	27		0.68	FAST-ON 4.8
FG20341	12	3.4	3.0	2.9	2.2	1410	4	134	67	60	67	34		0.85	FAST-ON 4.8
FG20451	12	4.5	4.1	3.8	3.0	1580	3	90	70	101	107	45		1.13	FAST-ON 4.8
FG20721/2	12	7.2	6.7	6.0	5.0	2450	4	151	65	94	100	72		1.8	FAST-ON 4.8 / 6.3
FG20751/2	12	7.5	6.9	6.2	5.2	2560	4	151	65	94	100	75		3	FAST-ON 4.8 / 6.3
FG21201/2	12	12	11.3	10	8.4	3750	4	151	98	95	100	120		3	FAST-ON 4.8 / 6.3
FG21703	12	17	15.5	13.9	11.2	5900	7	181	76	167	167	170		4.25	FLAG Ø 5.5
FG21803	12	18	16.9	15	12.7	5900	7	181	76	167	167	180		4.5	FLAG Ø 5.5

SSLA Products

FG series

Constant Current discharge table (Amperes)

Final Voltage: 1.65 V/cell - Temperature: 25°C

Model	5 min	10 min	15 min	20 min	30 min	45 min	1 hour	2 hour	3 hour	5 hour	10 hour	20 hour
FG20721/2	27.1	18.3	13.8	11.1	8.11	5.91	4.73	2.66	1.88	1.21	0.67	0.37
FG20751/2	28.2	19.1	14.4	11.6	8.45	6.16	4.93	2.77	1.96	1.26	0.70	0.39
FG21201/2	38	26.9	20.7	16.7	12.5	9.21	7.42	4.23	3.14	2.02	1.12	0.62
FG21803	58.3	39.3	29.7	24.1	17.9	13.3	10.8	6.28	4.61	3.06	1.7	0.93

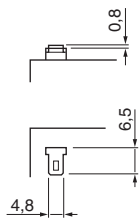
Constant Power discharge table (Watts per bloc)

Final Voltage: 1.65 V/cell - Temperature: 25°C

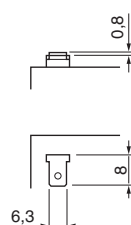
Model	5 min	10 min	15 min	20 min	30 min	45 min	1 hour	2 hour	3 hour	5 hour	10 hour	20 hour
FG20721/2	272	189	146	119	88.8	65.9	53.3	30.5	21.7	14.1	7.84	4.34
FG20751/2	283	197	152	124	92.5	68.6	55.5	31.8	22.6	14.7	8.17	4.52
FG21201/2	382	278	218	179	137	103	83.8	48.4	36.2	23.4	13.1	7.23
FG21803	585	406	313	258	196	148	122	71.8	53.1	35.5	19.8	10.9

Terminal type (last digit of model number)

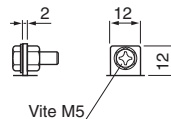
■ Type 1
Faston 4.8



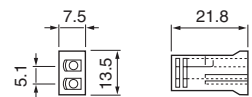
■ Type 2
Faston 6.3



■ Type 3
Flag M5



■ Type 4
Wire and connector



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

FEMALE
AMP. INC.
N. 60617-1

Wire length
 $105 (D. 4134) \div 10 (D. 0394)$

FIAMM reserves the right to change or revise without notice any information or detail given in this publication. FG Range - Dec09 - Draft - Asia/Oceania Region

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