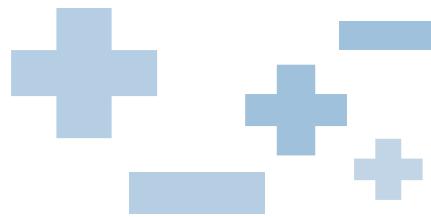


# FIAMM

Industrial Batteries

# FGH

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 among the very best presently available on the market. They represent the ideal solution for all applications.

**Case Material:** Acrylonitrile-Butadiene-Styrene (ABS) UL-94 (V0 plastic available on request)

**Life Expectancy:** 5 years according to Eurobat standards

Model	Nominal voltage (V)	Capacity (Ah) Discharge 20 h rate 1.75V/cell.	Weight (gr)	Dimensions (mm)				Internal Resistance (of full charged Battery)	Max discharge current 5" (A)	Temp. (°C)			Charge Voltage (V)		Max charge current (A)	Terminal Type
				L	W	H	TH			Charge	Discharge	Storage	Float Use	Cyclic Use		
FGH20501A	12	5.0	2000	90	70	102	106	37 Ω	75	0 ÷ 40	-20 ÷ 50	-20 ÷ 50	13.5 ÷ 13.8	14.4 ÷ 14.7	1.25	FAST-ON 4.8
FGH20502	12	5.0	2000	151	51	94	99	37 Ω	75						1.25	FAST-ON 6.3
FGH20902	12	9.0	2800	151	65	94	99	23.6 Ω	135						2.25	FAST-ON 6.3
FGH21202	12	12	4200	151	98	94	99	14.8 Ω	180						3.00	FAST-ON 6.3
FGH21803	12	18	6400	181	76	167	167	9.8 Ω	278						4.50	FLAG Ø 5.5

### Terminal Type

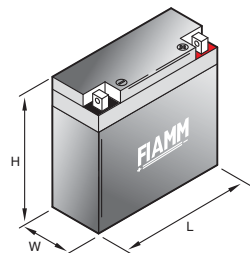
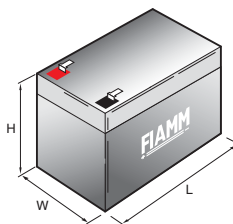
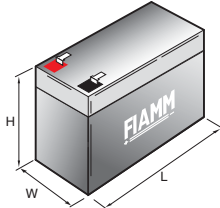
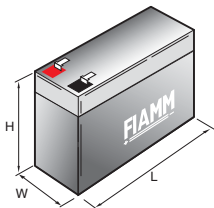
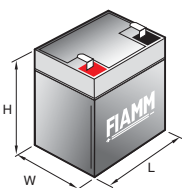
FGH 20502

FGH 20501A

FGH 20902

FGH 21202

FGH 21803



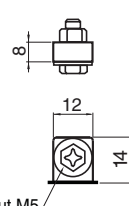
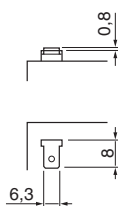
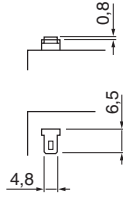
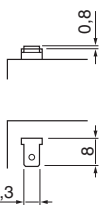
■ Type 2  
Faston 6.3

■ Type 1  
Faston 4.8

■ Type 2  
Faston 6.3

■ Type 2  
Faston 6.3

■ Type 3  
Flag M5



SSLA Products

## Constant Power discharge table (Watts per bloc)

Temperature: 20°C

### FGH20502

Final Voltage	5 min	10 min	15 min	20 min	30 min	45 min	1 hour
1.6 V/Cell	195	141	105	84.2	62.3	45.5	36.4
1.67 V/Cell	190	136	103	83.4	61.9	45.4	36.3
1.7 V/Cell	185	133	102	82.3	61.4	45.2	36.1
1.8 V/Cell	166	121	94.3	78.8	59.5	42.9	34.2

### FGH20902

Final Voltage	5 min	10 min	15 min	20 min	30 min	45 min	1 hour
1.6 V/Cell	351	253	188	152	112	82.0	65.5
1.67 V/Cell	342	245	186	150	111	81.7	65.4
1.7 V/Cell	333	239	183	148	111	81.3	65.1
1.8 V/Cell	299	218	170	142	107	77.2	61.6

### FGH21202

Final Voltage	5 min	10 min	15 min	20 min	30 min	45 min	1 hour
1.6 V/Cell	448	306	233	192	144	106	86.0
1.67 V/Cell	429	297	228	188	141	105	84.9
1.7 V/Cell	418	293	226	187	141	105	84.5
1.8 V/Cell	384	278	218	181	137	102	82.9

### FGH21803

Final Voltage	5 min	10 min	15 min	20 min	30 min	45 min	1 hour
1.6 V/Cell	672	459	350	288	215	160	129
1.67 V/Cell	643	446	342	283	212	158	127
1.7 V/Cell	627	439	339	281	211	157	127
1.8 V/Cell	577	418	327	272	206	154	124

## Battery Components

