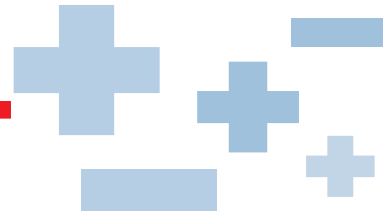


FIAMM

Industrial Batteries

FGHL

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.

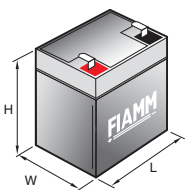
Case Material: Acrylonitrile-Butadiene-Styrene (ABS) UL 94V-0 plastic

Life Expectancy: 10 years according to Eurobat standards

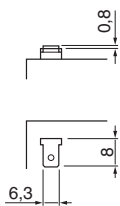
Type	Nominal voltage (V)	CAPACITY (Ah) Discharge 20 h rate 1.75V/cell.	Weight (gr)	DIMENSION (mm)				Internal Resistance (of full charged Battery)	Max discharge current 5" (A)	TEMP. (°C)			Charge Voltage (V)		Max charge current (A)	Terminal Type
				L	W	H	TH			Charge	Discharge	Storage	Cyclic Use	Float Use		
FGHL20502	12	5.0	2000	90	70	102	106	37 Ω	70	0 ÷ 40 -20 ÷ 50 -20 ÷ 50	14.4 ÷ 14.7	13.5 ÷ 13.8	1.25	FAST-ON 6.3		
FGHL20722	12	7.2	2700	151	65	94	99	24.6 Ω	102				1.80	FAST-ON 4.8		
FGHL20902	12	9.0	2900	151	65	94	99	23.6 Ω	128				2.25	FAST-ON 6.3		
FGHL21102	12	11	4300	151	98	94	99	24.8 Ω	170				3.00	FAST-ON 6.3		

Terminal Type

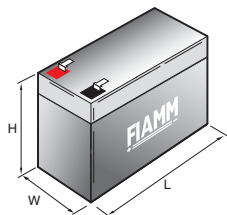
FGHL 20502



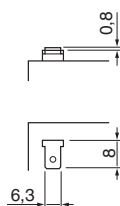
■ Type 2
Faston 6.3



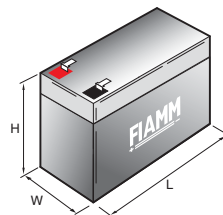
FGHL 20722



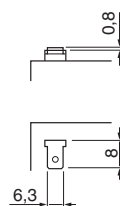
■ Type 2
Faston 6.3



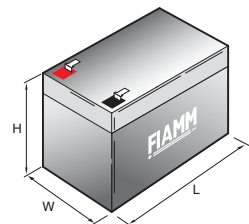
FGHL 20902



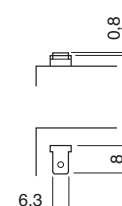
■ Type 2
Faston 6.3



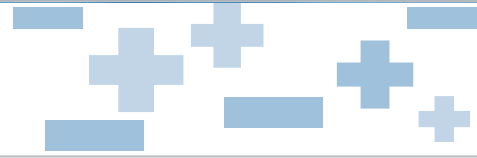
FGHL 21102



■ Type 2
Faston 6.3



SSLA Products



Constant Power discharge table (Watts per bloc)
Temperature: 20°C

FGHL20502

Final Voltage	5 min	10 min	15 min	20 min	30 min	45 min	1 hour
1.6 V/Cell	163	118	90.3	73.7	52.9	39.1	31.4
1.67 V/Cell	159	116	89.0	72.8	52.6	38.9	31.3
1.7 V/Cell	153	113	87.3	71.5	52.1	38.7	31.1
1.8 V/Cell	133	99.8	79.5	65.6	49.6	36.1	29.1

FGHL20722

Final Voltage	5 min	10 min	15 min	20 min	30 min	45 min	1 hour
1.6 V/Cell	269	184	140	115	86.2	63.8	51.6
1.67 V/Cell	257	178	137	113	84.8	63.0	50.9
1.7 V/Cell	251	176	136	112	84.3	62.7	50.7
1.8 V/Cell	231	167	131	109	82.5	61.4	49.8

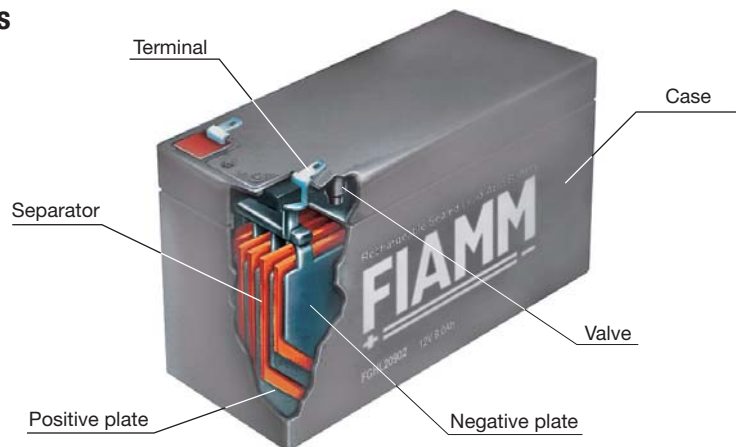
FGHL20902

Final Voltage	5 min	10 min	15 min	20 min	30 min	45 min	1 hour
1.6 V/Cell	336	229	175	144	108	79.8	64.5
1.67 V/Cell	322	223	171	141	106	78.8	63.7
1.7 V/Cell	314	220	170	140	105	78.4	63.4
1.8 V/Cell	288	209	164	136	103	76.8	62.2

FGHL21102

Final Voltage	5 min	10 min	15 min	20 min	30 min	45 min	1 hour
1.6 V/Cell	411	280	214	176	132	97.5	78.8
1.67 V/Cell	393	272	209	173	130	96.3	77.8
1.7 V/Cell	383	269	207	172	129	95.9	77.4
1.8 V/Cell	352	255	200	166	126	93.9	76.0

Battery Components



FIAMM reserves the right to change or revise without notice any information or detail given in this publication
FGHL_Vers.1_2009/06/30