

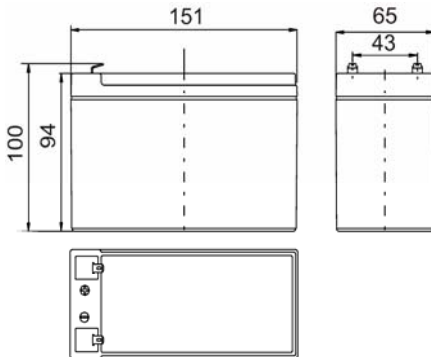
PERFORMANCE SPECIFICATION FOR BATTERY TYPE FGHL 20722

HIGH RATE LONG LIFE

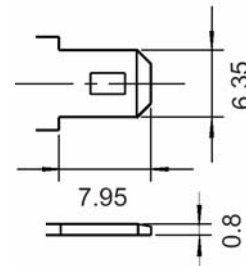
The FIAMM High Performance Battery FGHL SERIES is a VRLA battery (Valve Regulated Lead Acid) which has been designed for applications in extreme environments. Suitable for both stand by and cyclical applications, it provides 20% more capacity and twice the lifetime when compared to traditional FG batteries of the same size.

Nominal Voltage	12 Volts	
Nominal Capacity	at 20 hour rate (0.36 A to 10,5 Volts)	7.20 Ah
	at 5 hour rate (1.15 A to 10,2 Volts)	5.76 Ah
	at 1 hour rate (4.32 A to 9,6 Volts)	4.32 Ah
Dimensions (mm)	Length=151, Width=65, Height=94, TH=100	
Approximate weight	2.65 Kg	
Internal Resistance (Fully charged battery)	50 mΩ	
Maximum discharge current in 5 seconds discharge	108 A	
Recommended charging voltage (@20°C)	floating use: 13,5-13,8 V cyclic use: 14.4-15.0 V	
Thermal compensation factor	floating use: -18mV/°C cyclic use: -30mV/°C	
Maximum charging current	1.8 A	
Terminals	Faston 6.3 mm	
Vibration Test	(2000 cycles/min, 2,55 mm excursion, 2 hrs) No loss in capacity or performance	
Shelf life - % of nominal capacity at 20°C	1 Month	97%
	3 months	91%
	6 months	83%
Storage temperature	-20°C to 40°C	
Operative temperature range	Charge	0° C to 40°C
	Discharge	20°C to 50°C
Case material	According to UL-94 VO	
Life expectancy (Stand-by)	10 years according to Eurobat standards	

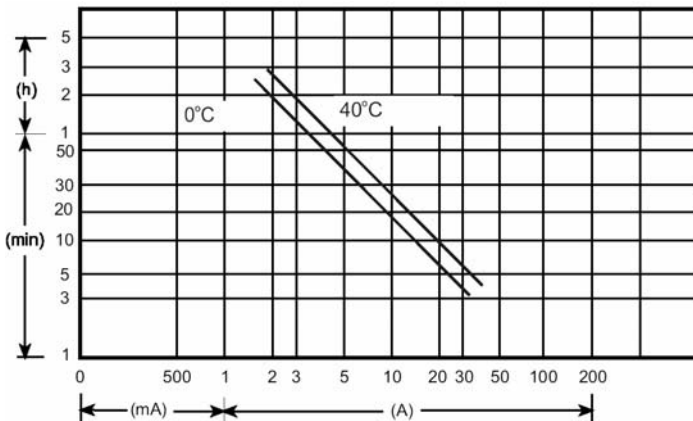
BATTERY DIMENSIONS (mm)



TERMINAL DIMENSIONS (mm)



DISCHARGE CURRENT VS TIME



DISCHARGE CHARACTERISTICS

