

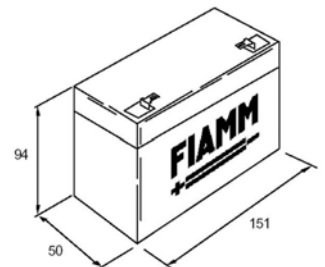
PERFORMANCE SPECIFICATION FOR BATTERY TYPE FG 11201 / 11202

Nominal Voltage _____	6 Volts	
Nominal Capacity _____	at 20 hour rate (0.6 m to 5.25 Volts), _____	1.2 Ah
_____	at 5 hour rate (2.5 A to 5.1 Volts) _____	12.5 Ah
_____	at 3 hour rate (3.12 A to 5.1 Volts) _____	9.36 Ah
_____	at 1 hour rate (7.5 A to 4.8 Volts) _____	7.5 Ah
Dimensions (mm) _____	Length=151, Width=34, Height=94, TH=99	
Approximate weight _____	1.9 kg	
Energy Density _____	66.39 Wh/l	
Specific Energy _____	24.83 Wh/kg	
Internal Resistance (Fully charged battery) _____	50 mΩ	
Maximum discharge current in 5 seconds _____	120 A	
Recommended charging voltage (@20°C) _____	floating use: 6.75-6.9 V cyclic use: 7.2-7.5 V	
Thermal compensation factor _____	floating use: -18mV/°C cyclic use: -30mV/°C	
Maximum charging current _____	3 A	
Terminals _____	Flat lug type 4.8 mm	
Torques _____	n.a.	
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 _____	Acrylonitrile-Butadiene-Styrene	
_____	Standard Case: according to UL-94 HB	
_____	Also available: according to UL-94 VO	
Life expectancy (Stand-by use) _____	3 to 5 years according to Eurobat standards	

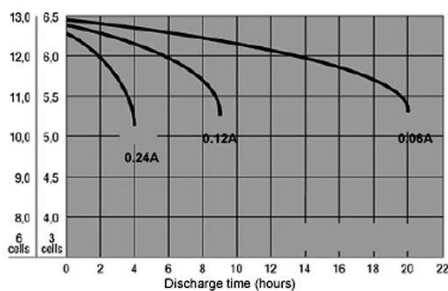
Dimensions mm (inch)

TIME	5'	10'	15'	20'	30'	45'	1h	2h	3h	5h	10h	20h
1,8V/Cell	4,1	2,7	2,1	1,73	1,3	0,96	0,77	0,45	0,32	0,21	0,12	0,07
1,75V/Cell	4,4	2,8	2,2	1,77	1,32	0,97	0,78	0,45	0,32	0,21	0,12	0,07
1,7V/Cell	4,8	3	2,2	1,81	1,34	0,98	0,79	0,45	0,33	0,21	0,12	0,07
1,65V/Cell	4,9	3	2,2	1,82	1,34	0,98	0,79	0,45	0,33	0,22	0,12	0,07
1,6V/Cell	5,1	3,1	2,3	1,83	1,34	0,98	0,79	0,46	0,33	0,22	0,12	0,07

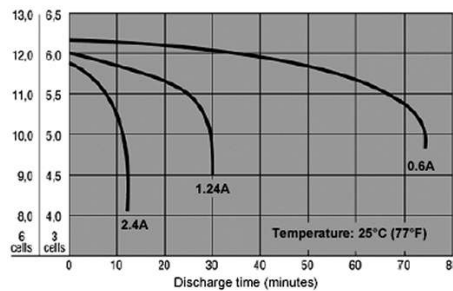
TIME	5'	10'	15'	20'	30'	45'	1h	2h	3h	5h	10h	20h
1,8V/Cell	4,1	2,7	2,1	1,73	1,3	0,96	0,77	0,45	0,32	0,21	0,12	0,07
1,75V/Cell	4,4	2,8	2,2	1,77	1,32	0,97	0,78	0,45	0,32	0,21	0,12	0,07
1,7V/Cell	4,8	3	2,2	1,81	1,34	0,98	0,79	0,45	0,33	0,21	0,12	0,07
1,65V/Cell	4,9	3	2,2	1,82	1,34	0,98	0,79	0,45	0,33	0,22	0,12	0,07
1,6V/Cell	5,1	3,1	2,3	1,83	1,34	0,98	0,79	0,46	0,33	0,22	0,12	0,07



TERMINAL TYPE



DISCHARGE TIME VS DISCHARGE CURRENT



Terminal type (mm)

