

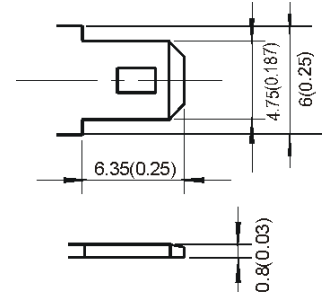
### PERFORMANCE SPECIFICATION FOR BATTERY TYPE FG 10121

Nominal Voltage	12 Volts
Nominal Capacity	at 20 hour rate (65 mA to 5.25 Volts), 1.2 Ah
	at 5 hour rate (208 mA to 5.1 Volts) 1.04 Ah
	at 3 hour rate (330 mA to 5.1 Volts) 0.99 Ah
	at 1 hour rate (0.78 A to 4.8 Volts) 0.78 Ah
Dimensions (mm)	Length=97, Width=24.5, Height=52, TH=59
Approximate weight	0.315 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	12 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	0.30 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

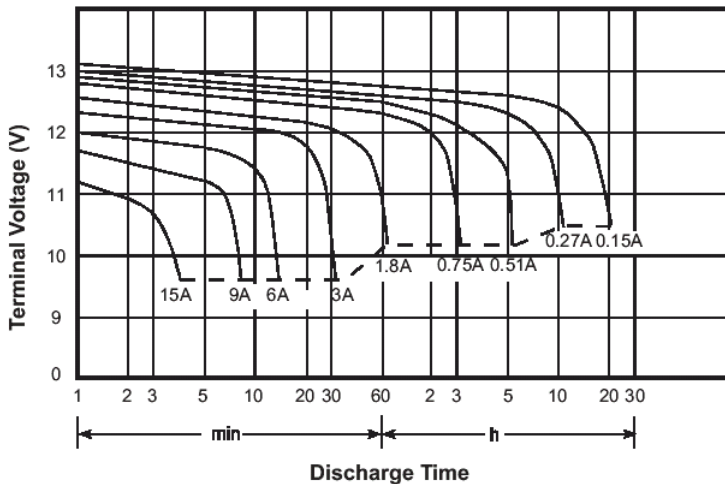
### Constant Power Discharge Table (Watt)

TIME	5'	10'	15'	30'	60'	120'	180'
<b>1,8V/Cell</b>	16.2 W	12.3 W	9.3 W	6.3 W	3.9 W	2.4 W	1.8 W
<b>1,7V/Cell</b>	17.7 W	13.2 W	10.5 W	6.6 W	4.2 W	2.7 W	1.8 W
<b>1,6V/Cell</b>	19.5 W	14.1 W	10.8 W	6.9 W	4.2 W	2.7 W	1.8 W

### Terminal type (mm)



### Discharge Characteristics @ 20°C



### Dimensions mm (inch)

