

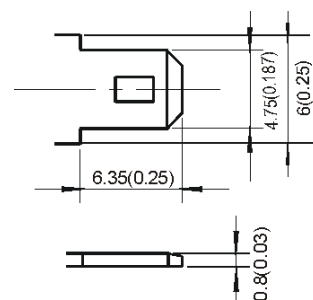
PERFORMANCE SPECIFICATION FOR BATTERY TYPE FG 20271

Nominal Voltage	12 Volts
Nominal Capacity	at 20 hour rate (14 mA to 10.5 Volts), 2.7 Ah
	at 5 hour rate (46 mA to 10.2 Volts) 2.3 Ah
	at 3 hour rate (63 mA to 10.2 Volts) 1.89 Ah
	at 1 hour rate (1.62 A to 9.6 Volts) 1.62 Ah
Dimensions (mm)	Length=79, Width=55, Height=102, TH=106
Approximate weight	1.13 kg
Energy Density	66,39 Wh/l
Specific Energy	28,65 Wh/kg
Internal Resistance (Fully charged battery)	49 mΩ
Maximum discharge current in 1 minute	16.2 A
Maximum discharge current in 5 seconds	27 A
Recommended charging voltage (@20°C)	floating use: 13.5-13.8 Vcyclic use: 14.4-15.0 V
Thermal compensation factor	floating use: -18mV/°C cyclic use: -30mV/°C
Maximum charging current	0.67 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

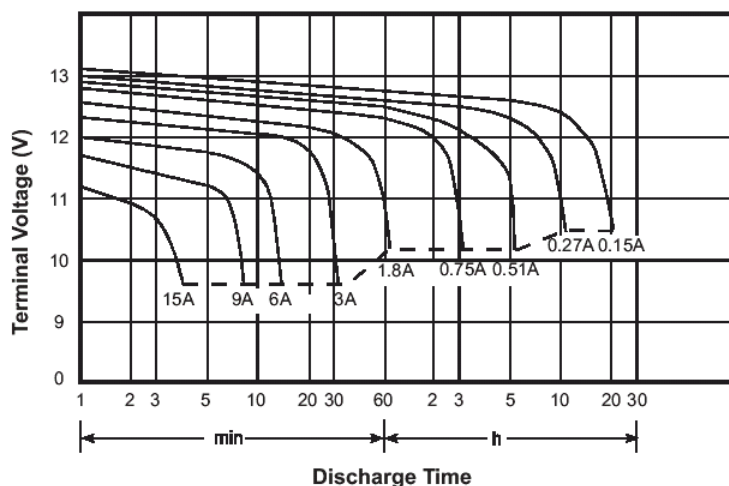
Constant Power Discharge Table (Watt)

TIME	5'	7.5'	10'	15'	20'	30'	60'
1,8V/Cell	70 W	50 W	45 W	38 W	32 W	24 W	14 W
1,7V/Cell	83 W	58 W	50 W	39 W	33 W	25 W	15 W
1,6V/Cell	88 W	59 W	51 W	40 W	34 W	25 W	15 W

Terminal type (mm)



Discharge Characteristics @ 20°C



Dimensions

