На WEB-страницу товара

TECHNICAL DATA SHEET OF
FG 20271 (12V 2,7Ah)

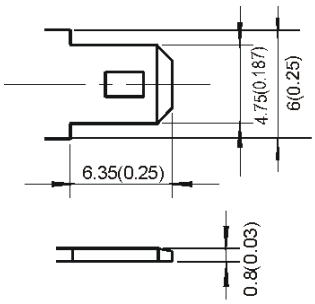
PERFORMANCE SPECIFICATION FOR BATTERY TYPE FG 20271

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

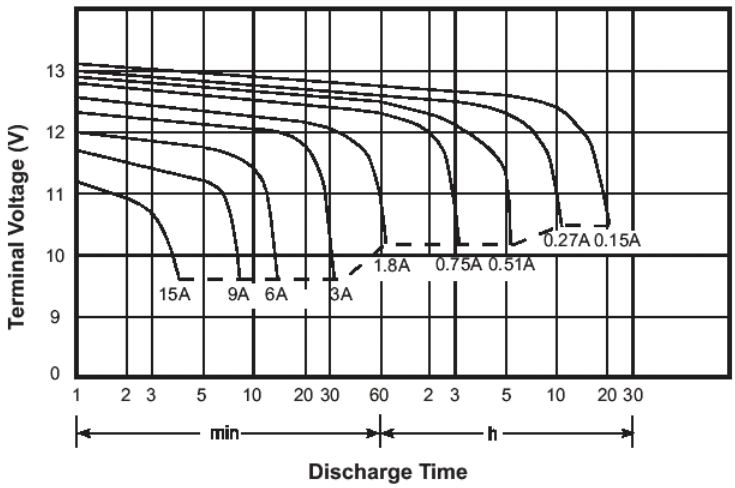
Constant Power Discharge Table (Watt)

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

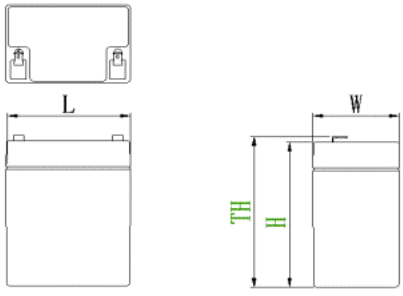
Terminal type (mm)



Discharge Characteristics @ 20°C



Dimensions



FIAMM Sealed Power S.p.A.