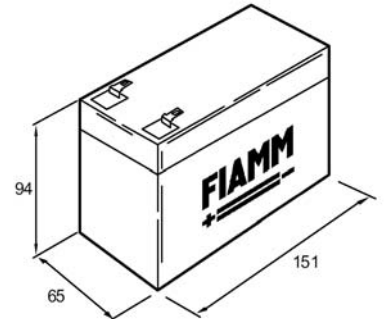


### PERFORMANCE SPECIFICATION FOR BATTERY TYPE FG 20721/20722

Nominal Voltage	12 Volts
Nominal Capacity	at 20 hour rate (60 mA to 10,5 Volts), 7.2 Ah at 10 hour rate (106 mA to 10,5 Volts) 6.5 Ah at 5 hour rate (196 mA to 10,2 Volts) 5.9 Ah at 1 hour rate (700 mA to 9,0 Volts) 4.3 Ah
Dimensions (mm)	Length=151, Width=65, Height=94
Approximate weight	2.43 kg
Energy Density	93.6 Wh/l
Specific Energy	32.48 Wh/kg
Internal Resistance (Fully charged battery)	22 mΩ
Maximum discharge current in 1 minute	43.2 A
Maximum discharge current in 5 seconds	72 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	FG 20721: Flat lug type 4.8 mm FG 20722: Flat lug type 6.3 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)



### Terminal type



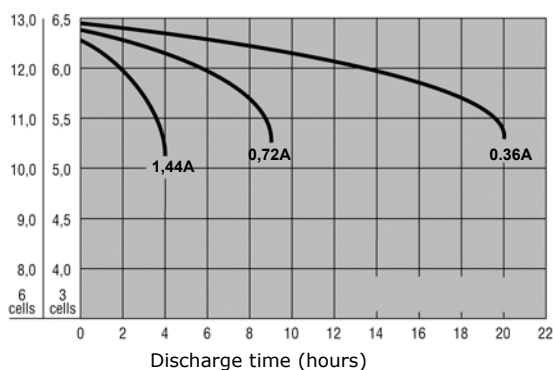
### Constant Power Discharge Table (Watt)

TIME	5'	10'	15'	20'	30'	45'	1h	2h	3h	5h	10h	20h
<b>1,8V/Cell</b>	250,4	174,0	136,4	113,4	85,9	64,0	51,5	29,6	20,9	13,6	7,8	4,3
<b>1,75V/Cell</b>	275,1	186,1	144,0	114,6	86,5	64,6	52,3	30,7	21,6	14,1	7,8	4,3
<b>1,7V/Cell</b>	281,4	188,3	145,1	119,4	89,5	66,1	52,8	30,1	21,9	14,3	7,9	4,3
<b>1,65V/Cell</b>	294,9	192,7	147,2	120,6	90,1	66,4	53,1	30,3	22,1	14,7	7,9	4,3
<b>1,6V/Cell</b>	298,3	193,8	147,7	120,9	90,2	66,5	53,2	30,4	22,4	14,9	7,9	4,4

### Constant Current Discharge Table (Ampere)

TIME	5'	10'	15'	20'	30'	45'	1h	2h	3h	5h	10h	20h
<b>1,8V/Cell</b>	23,0	15,6	12,1	10,0	7,50	5,60	4,40	2,48	1,80	1,16	0,66	0,36
<b>1,75V/Cell</b>	26,2	17,2	13,1	10,5	7,82	5,76	4,56	2,58	1,83	1,20	0,68	0,37
<b>1,7V/Cell</b>	27,0	17,6	13,4	10,6	7,90	5,80	4,60	2,60	1,84	1,21	0,69	0,37
<b>1,65V/Cell</b>	28,5	18,2	13,9	10,9	8,14	5,94	4,74	2,67	1,90	1,26	0,71	0,38
<b>1,6V/Cell</b>	29,0	18,4	14,0	11,0	8,21	5,98	4,78	2,69	1,92	1,27	0,72	0,38

### Discharge Time VS Discharge Current (hr.)



### Discharge Time VS Discharge Current (min.)

