

# GP07122F

PN: BTVACGUOBTD2FCN01B

EAN: 6422956010089

## Specifications

Battery Model	GP07122F
Voltage	12V
Power (1,65V/cell@15 min)	23.51W/cell
Type	Valve regulated lead-acid (VRLA), 6 cell, absorbent glass mat (AGM) - maintenance free
Designed Floating Life	Up to 5 years (25o C) Eurobat (20o C) : 3-5 years standard commercial
Nominal Operating Temp. Range	25°C ± 3°C
Terminal	F2 terminal -Faston Tab 250
<b>Construction</b>	
Container & Cover	ABS
Safety valve	Rubber
Terminal	Copper
Internal Resistance	Full charged at 25°C ≤ 24mΩ
Self Discharge (20°C)	2% of capacity declined per month
<b>Capacity affected by temperature</b>	
40°C	103%
25°C	100%
0°C	86%
<b>Charge Voltage (25°C)</b>	
Cycle use	14.4V - 15.0V (-30mV/°C), max. Current: 2.1A
Float use	13.5V - 13.8V (-20mV/°C)
<b>Physical</b>	
Without Terminal	151 x 65 x 94 mm
With Terminal	151 x 65 x 100 mm
Product Weight	1.98 Kg



Completely  
sealed and  
maintenance-free



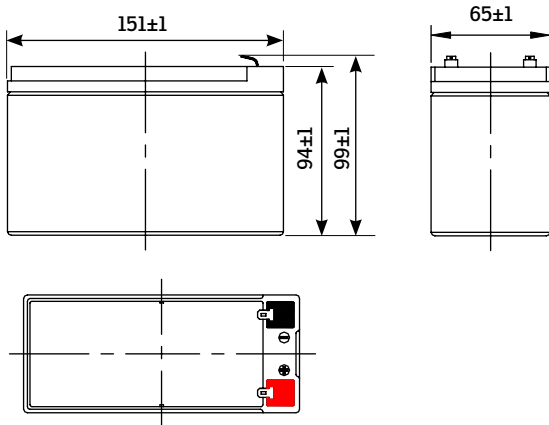
Excellent  
charging and  
re-charging



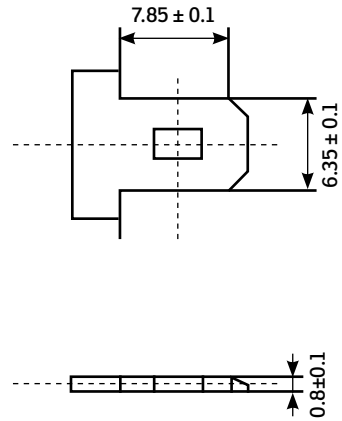
Floating &  
standby use:  
3-5 years

- Small size battery
- Excellent charging and re-charging
- Stable and reliable for long-term
- Low self-discharge
- Floating & standby use: 3-5 years
- More than 260 cycles at 100% DOD
- Multiple Application: Alarm and Security Systems, Cable Television, Communication Equipment, Power Tools, Control Equipment, Medical Equipment, UPS, Toys

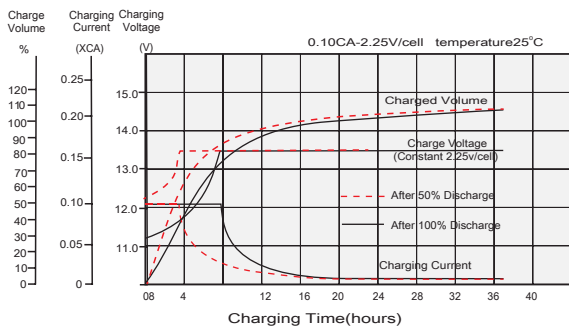
## Dimensions (mm)



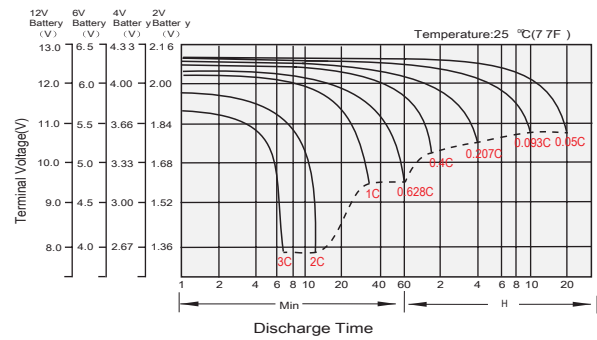
## T2 (F2) Terminal Dimensions (mm)



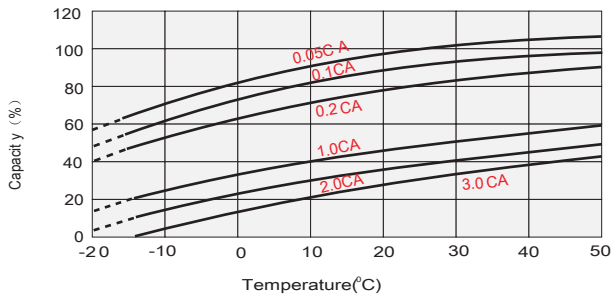
## Float Charging Characteristics



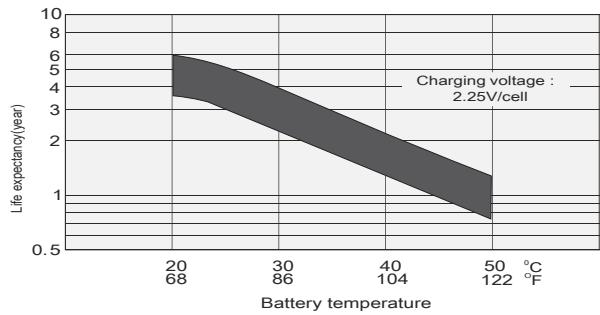
## Discharge Characteristics



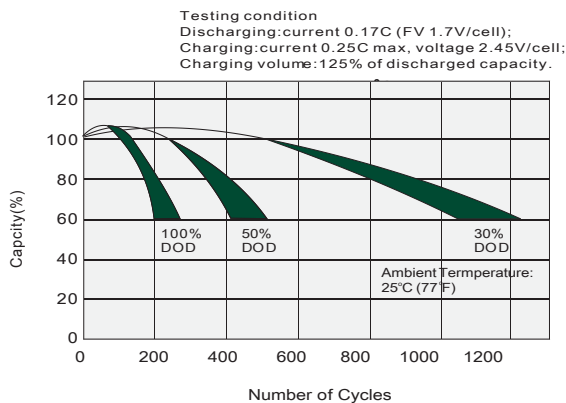
## Temperature Effects in Relation to Battery Capacity



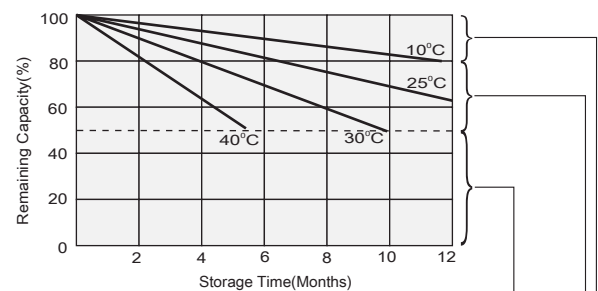
## Effect of Temperature on Long Term Float Life



## Cycle Life in Relation to Depth of Discharge



## Self Discharge Characteristics



Supplementary charge may often fail to recover the capacity. The battery should never be left to discharge below this level.

Supplementary charge required before use. Optional charging way as below:  
 1. Charged for above 3 days at limited current 0.25CA and constant voltage 2.25V/cell.  
 2. Charged for above 20 hours at limited current 0.25CA and constant voltage 2.45V/cell.  
 3. Charged for 8-10hours at limited current 0.05CA.

No supplementary charge required  
 (Carry out supplementary charge before use if 100% capacity is required.)





## Constant Current Discharge Characteristics (A), 25°C

F.V/Ti	5min	10min	15min	30min	1Hr	3Hr	5Hr	10Hr	20Hr
1.80V/cell	20.856	14.601	11.364	7.210	4.040	1.715	1.168	0.640	0.345
1.75V/cell	21.459	15.128	11.593	7.350	4.200	1.773	1.194	0.651	0.350
1.70V/cell	22.946	16.047	12.052	7.455	4.217	1.791	1.213	0.665	0.359
1.65V/cell	23.566	16.370	12.358	7.525	4.238	1.818	1.236	0.681	0.371
1.60V/cell	24.780	17.017	12.740	7.700	4.267	1.862	1.278	0.710	0.385



## Constant Wattage Discharge Characteristics (W), 25°C

F.V/Ti	5min	10min	15min	30min	1Hr	3Hr	5Hr	10Hr	20Hr
1.80V/cell	45.022	31.837	24.750	15.687	9.368	2.252	2.216	1.257	0.681
1.75V/cell	46.767	32.457	25.150	15.845	9.422	2.873	2.286	1.289	0.696
1.70V/cell	48.520	33.083	25.747	16.005	9.472	3.352	2.351	1.332	0.719
1.65V/cell	49.575	33.573	26.105	16.100	9.502	3.590	2.418	1.382	0.756
1.60V/cell	53.920	35.278	26.952	16.322	9.570	4.042	2.517	1.455	0.795



## Logistics

	Carton Box Size	346 x 316 x 121 mm
	Pieces in the Carton Box	10 pcs / ctn
	Net & Gross weight / CTN	N.W. / G.W.: 19.8 kg / 20.3 kg

