

GP07122F

PN: BTVACGUOBT2FCN01B
EAN: 6422956010089

Specifications

Battery Model	GP07122F
Voltage	12V
Power (1,65V/cell@15 min)	23.51W/cell
Type	VRLA - maintenance free
Designed Floating Life	3~5 years
Nominal Operating Temp. Range	25°C ± 3°C
Terminal	F2 terminal -Faston Tab 250
Construction	
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
Capacity affected by temperature	
40°C	103%
25°C	100%
0°C	86%
Charge Voltage (25°C)	
Cycle use	14.4V - 15.0V (-30mV/°C), max. Current: 2.1A
Float use	13.5V - 13.8V (-20mV/°C)
Physical	
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



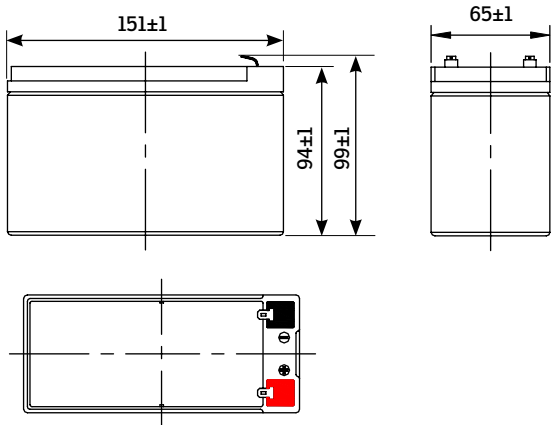
Excellent charging and re-charging



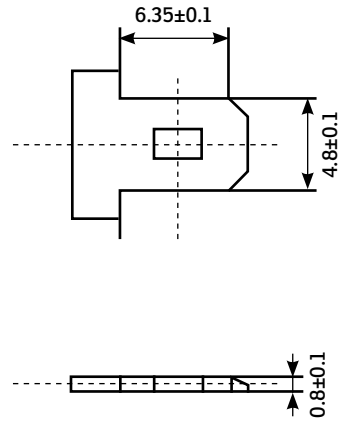
Floating & standby use: 3-5 years

- 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

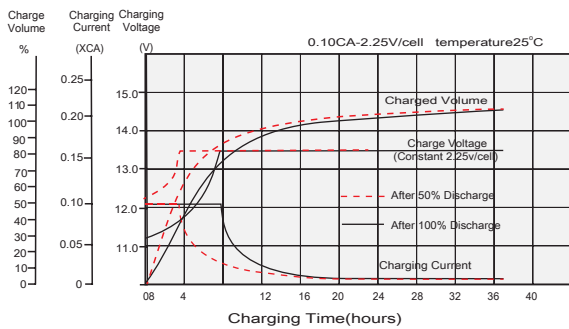
Dimensions (mm)



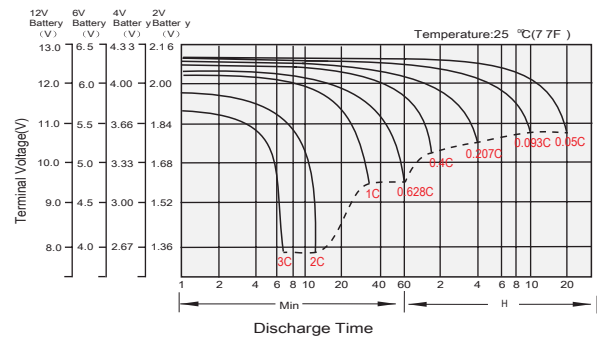
T2 (F2) Terminal Dimensions (mm)



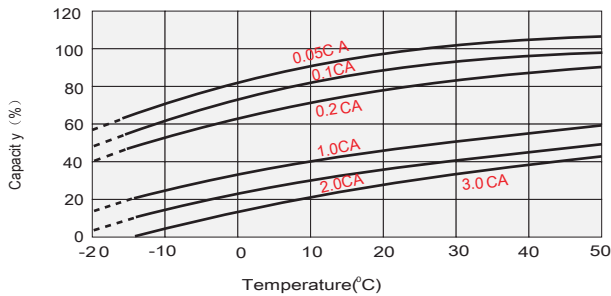
Float Charging Characteristics



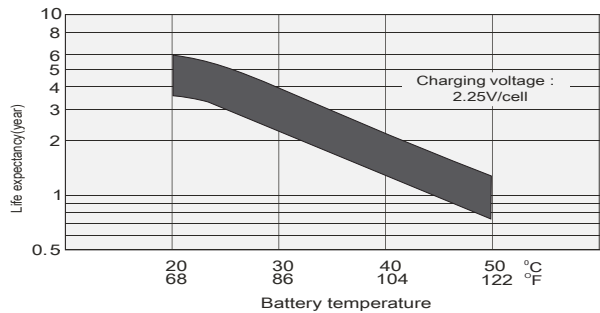
Discharge Characteristics



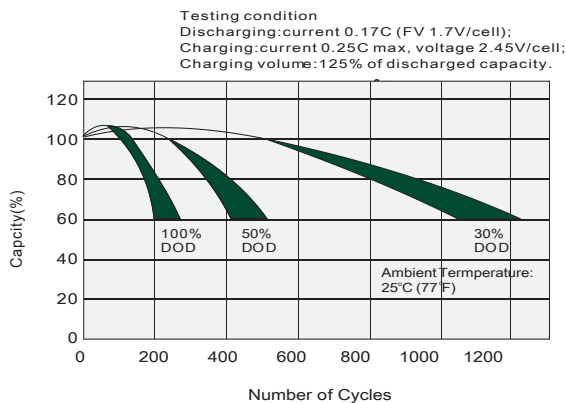
Temperature Effects in Relation to Battery Capacity



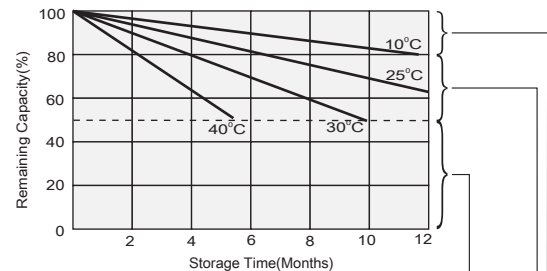
Effect of Temperature on Long Term Float Life



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 standing till this is reached.

Supplementary charge required before use. Optimal 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 8-10 hours 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	37.192	26.442	20.770	13.382	7.527	3.215	2.216	1.257	0.681
1.75V/cell	38.870	27.624	21.584	13.811	7.904	3.352	2.286	1.289	0.696
1.70V/cell	42.072	29.655	22.621	14.127	8.050	3.433	2.351	1.332	0.719
1.65V/cell	43.451	30.465	23.518	14.418	7.713	3.519	2.418	1.382	0.756
1.60V/cell	45.896	31.907	24.397	14.876	8.314	3.635	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



Certificates

