

# GPL07122F

PN: BTVACGUOBTC2FCN01B  
EAN: 6422956010348

## Specifications

Battery Model	GPL07122F
Voltage	12V
Power (1,65V/cell@15 min)	22.72W/cell
Type	VRLA - maintenance free
Designed Floating Life	5~8 years
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: 2.25A
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	2.1 Kg



Completely sealed and maintenance-free



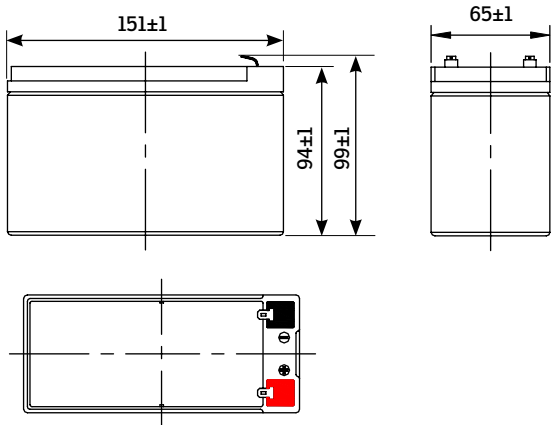
Excellent charging and re-charging



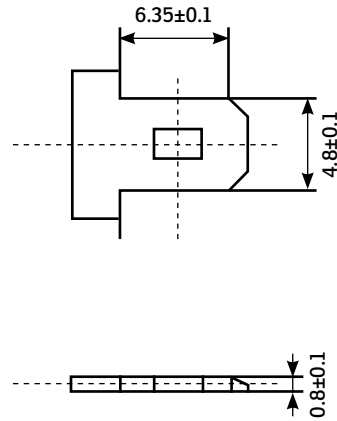
Long life, low self-discharge rate and high reliability 5-8 years

- Small size battery
- Excellent charging and re-charging
- Stable and reliable for long-term
- Low self-discharge
- Floating & standby use: 5-8 years
- More than 500 cycles at 100% DOD
- Multiple Application: Alarm and Security Systems, Cable Television, Communication Equipment, Power Tools, Control Equipment, Medical Equipment, UPS, Toys

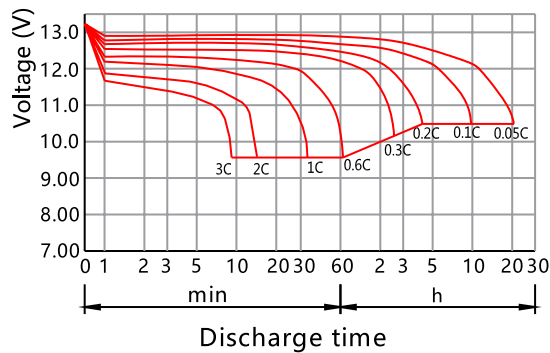
## Dimensions (mm)



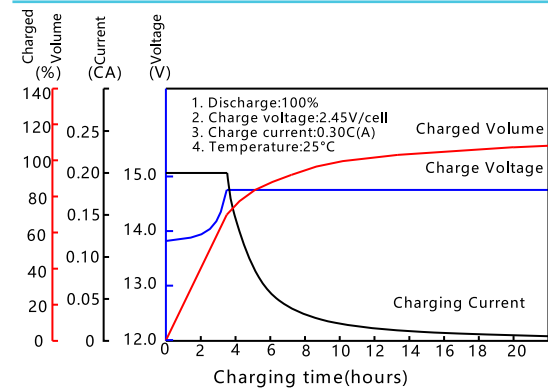
## T2 (F2) Terminal Dimensions (mm)



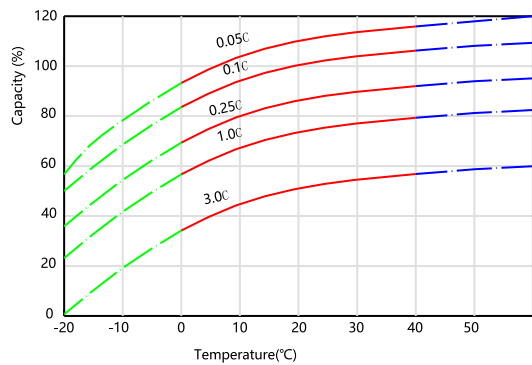
## Float Charging Characteristics



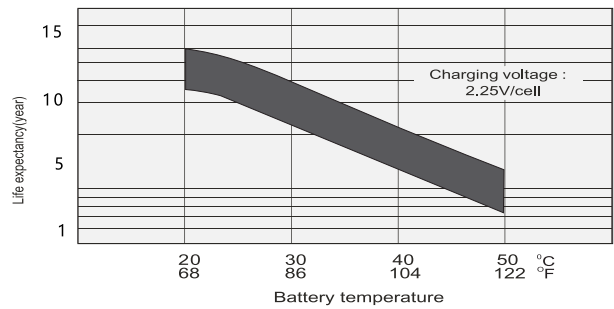
## Discharge Characteristics



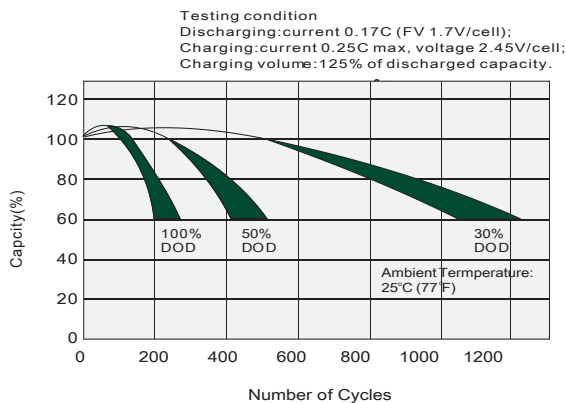
## Temperature Effects in Relation to Battery Capacity



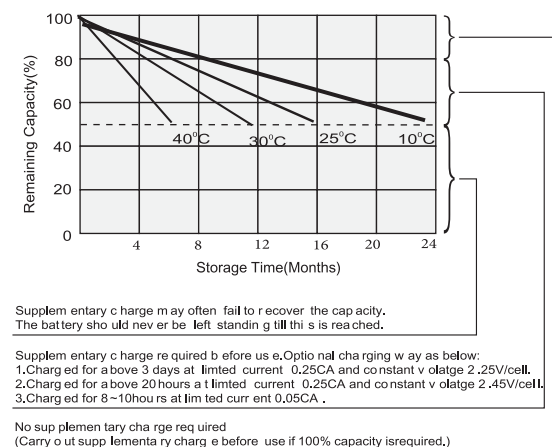
## Effect of Temperature on Long Term Float Life



## Cycle Life in Relation to Depth of Discharge



## Self Discharge Characteristics






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

F.V/Ti	5min	10min	15min	30min	1Hr	3Hr	5Hr	10Hr	20Hr
1.80V/cell	19.460	14.029	10.982	7.416	4.017	1.745	1.197	0.658	0.355
1.75V/cell	20.015	14.536	11.204	7.560	4.176	1.805	1.224	0.670	0.360
1.70V/cell	21.402	15.419	11.647	7.658	4.193	1.823	1.244	0.684	0.369
1.65V/cell	21.980	15.730	11.943	7.740	4.214	1.850	1.267	0.700	0.382
1.60V/cell	23.112	16.635	12.312	7.344	4.243	1.895	1.310	0.730	0.396

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

F.V/Ti	5min	10min	15min	30min	1Hr	3Hr	5Hr	10Hr	20Hr
1.80V/cell	34.737	25.407	20.295	13.764	7.484	3.272	2.271	1.293	0.700
1.75V/cell	36.347	26.543	20.895	14.205	7.859	3.411	2.343	1.326	0.716
1.70V/cell	39.229	28.495	21.908	14.531	8.004	3.494	2.410	1.370	0.740
1.65V/cell	40.552	29.273	22.727	14.830	7.698	3.581	2.478	1.421	0.777
1.60V/cell	42.803	30.659	23.577	14.189	8.265	3.699	2.580	1.497	0.817

## 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.: 21 kg / 21.8 kg

## Certificates

**RoHS**  
2011/65/EU

