

GP07121L

PN: BTVACFUOBTO1LCN01A
EAN: 6422956010072

Specifications

Battery Model	GP07121L
Voltage	12V
Power (1,65V/cell@15 min)	20.02W/cell
Type	VRLA - maintenance free
Designed Floating Life	3~5 years
Nominal Operating Temp. Range	25°C ± 3°C
Terminal	F1 terminal -Faston Tab 187
Construction	
Container & Cover	ABS
Safety valve	Rubber
Terminal	Copper
Internal Resistance	Full charged at 25°C ≤ 38mΩ
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: 1.8A
Float use	13.5V - 13.8V (-20mV/°C)
Physical	
Without Terminal	151 x 64.5 x 94 mm
With Terminal	151 x 64.5 x 100 mm
Product Weight	1.78 Kg



Completely sealed and maintenance-free



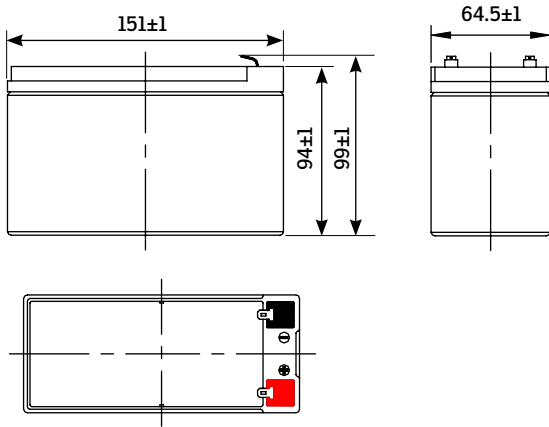
Excellent charging and re-charging



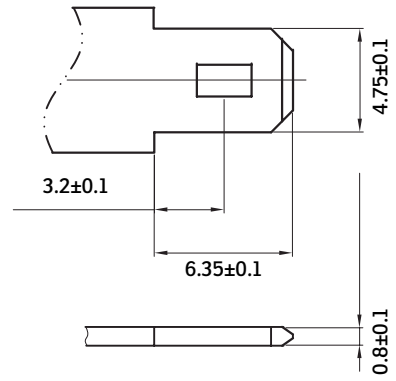
Floating & standby use: 3-5 years

- 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

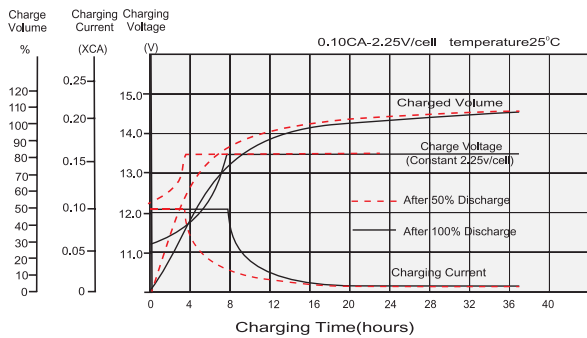
Dimensions (mm)



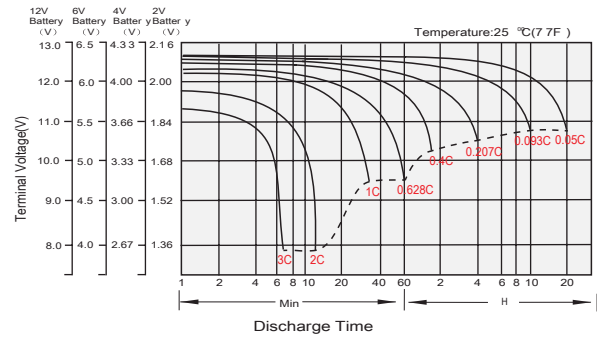
T1 (F1) Terminal Dimensions (mm)



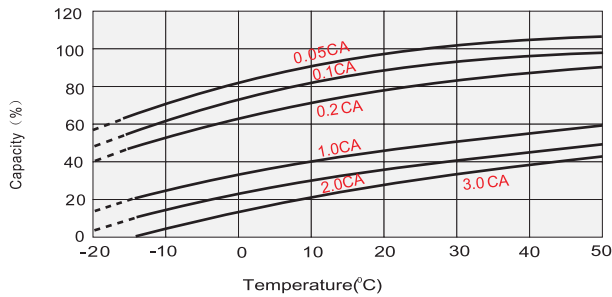
Float Charging Characteristics



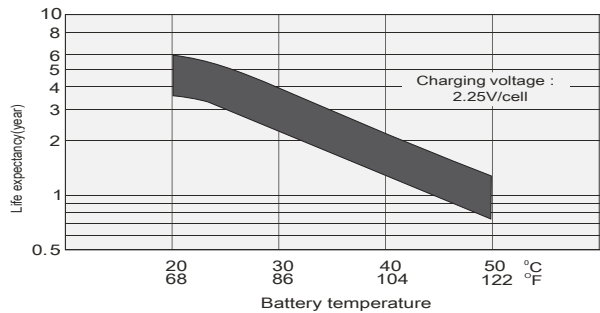
Discharge Characteristics



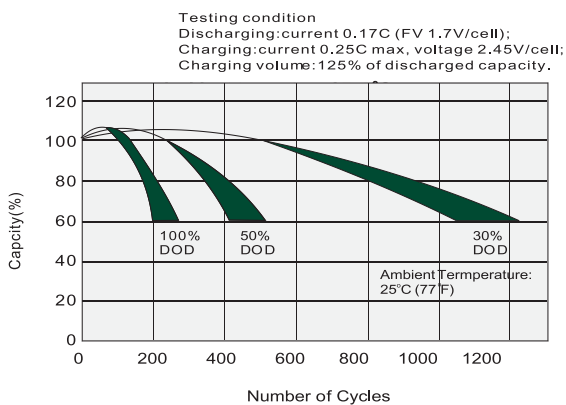
Temperature Effects in Relation to Battery Capacity



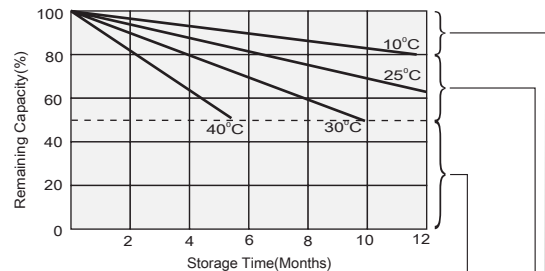
Effect of Temperature on Long Term Float Life



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 until 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	17.541	12.437	9.678	6.386	3.441	1.479	1.031	0.567	0.306
1.75V/cell	18.041	12.887	9.874	6.510	3.577	1.529	1.054	0.577	0.310
1.70V/cell	19.290	13.669	10.264	6.603	3.592	1.545	1.071	0.589	0.318
1.65V/cell	19.811	13.945	10.525	6.665	3.610	1.568	1.091	0.603	0.329
1.60V/cell	20.832	14.496	10.850	6.572	3.635	1.606	1.128	0.628	0.341



Constant Wattage Discharge Characteristics (W), 25°C

F.V/Ti	5min	10min	15min	30min	1Hr	3Hr	5Hr	10Hr	20Hr
1.80V/cell	31.310	22.524	17.885	11.852	6.411	2.773	1.955	1.113	0.603
1.75V/cell	32.762	23.531	18.414	12.232	6.733	2.890	2.017	1.142	0.617
1.70V/cell	35.359	25.261	19.307	12.513	6.857	2.961	2.075	1.180	0.637
1.65V/cell	36.552	25.951	20.028	12.770	6.595	3.035	2.134	1.224	0.669
1.60V/cell	38.581	27.179	20.778	12.697	7.080	3.135	2.222	1.289	0.704



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.: 17.8 kg / 18.3 kg



Certificates

