GPL07122F

PN: BTVACGUOBTF2FCW01B
EAN: 6422956013721



Specifications

Battery Model	GPL07122F
Voltage	12V
Power (1,65V/cell@15 min)	25.50W/cell
Type	Valve regulated lead–acid (VRLA), 6 cell, absorbent glass mat (AGM) - maintenance free
Designed Floating Life	Up to 9 years (25 C)
Nominal Operating Temp. Range	25° C ± 3° C
Terminal	F2(T2)
Construction	
Container & Cover	ABS
Safety valve	Rubber
Terminal	Copper
Internal Resistance	Full charged at 25°C ≤ 30mΩ
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	2.1 Kg

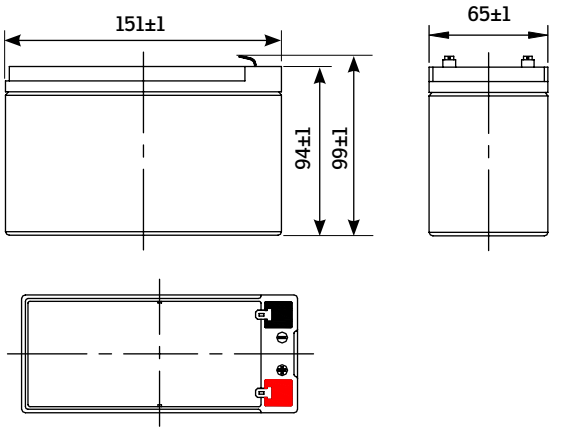
Completely sealed and maintenance-free

Excellent charging and re-charging

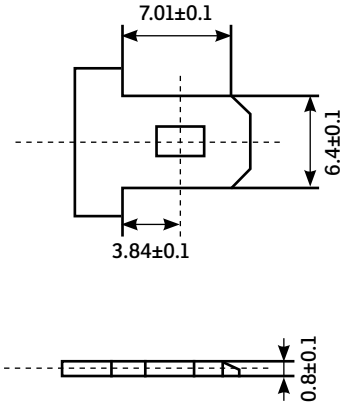
Floating & standby use: 9 years

- Small size battery
- Excellent charging and re-charging
- Stable and reliable for long-term
- Low self-discharge
- Floating & standby use: up to 9 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

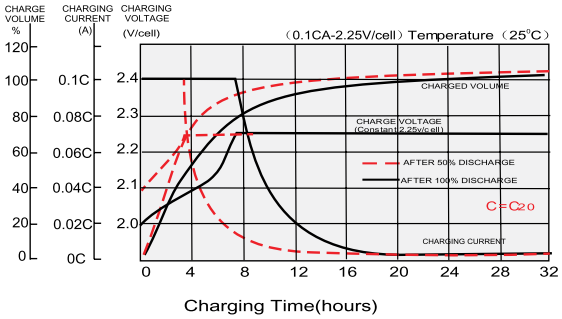
Dimensions (mm)



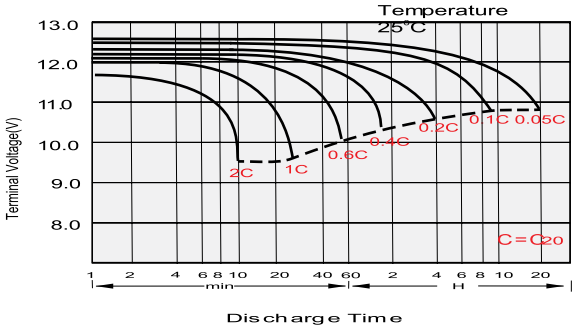
T2 (F2) Terminal Dimensions (mm)



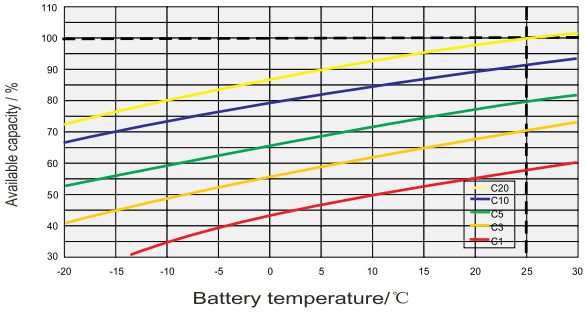
Float Charging Characteristics



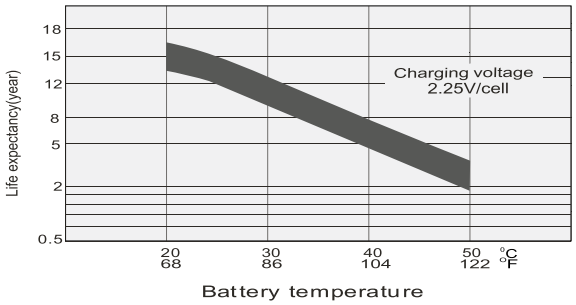
Discharge Characteristics



Temperature Effects in Relation to Battery Capacity

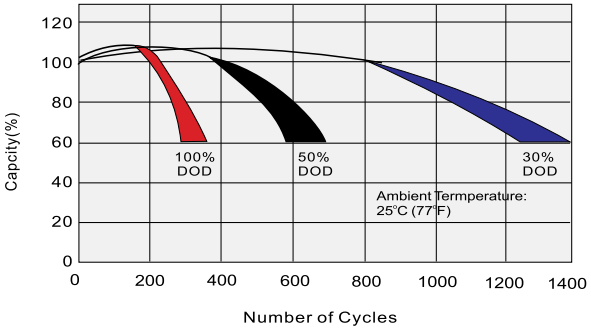


Effect of Temperature on Long Term Float Life

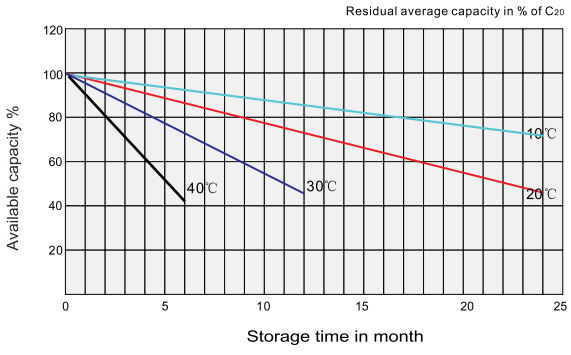


Cycle Life in Relation to Depth of Discharge

Testing condition
Discharging:current 0.17C (FV 1.7V/cell);
Charging:current 0.25C max, voltage 2.45V/cell;
Charging volume:125% of discharged capacity.



General Relation of Capacity vs. Storage Time



Constant Current Discharge Characteristics (A), 25°C

F.V/Ti	5min	10min	15min	30min	1Hr	3Hr	5Hr	10Hr	20Hr
1.80V/cell	22.4	14.6	11.9	7.30	4.33	1.76	1.20	0.693	0.350
1.75V/cell	27.1	15.0	13.0	7.60	4.39	1.79	1.21	0.705	0.360
1.70V/cell	30.1	16.5	13.8	7.89	4.50	1.82	1.27	0.723	0.366
1.65V/cell	31.5	17.7	14.0	8.10	4.60	1.91	1.31	0.729	0.369
1.60V/cell	32.0	18.3	14.2	8.14	4.66	2.00	1.36	0.740	0.371

Constant Wattage Discharge Characteristics (W), 25°C

F.V/Ti	5min	10min	15min	30min	1Hr	3Hr	5Hr	10Hr	20Hr
1.80V/cell	43.0	27.0	23.0	15.8	9.50	3.83	2.52	1.36	0.753
1.75V/cell	47.5	30.0	24.4	16.3	9.62	3.90	2.70	1.38	0.760
1.70V/cell	47.9	30.6	25.0	16.6	9.81	3.93	2.76	1.40	0.765
1.65V/cell	50.7	30.9	25.5	17.0	10.0	3.96	2.79	1.41	0.768
1.60V/cell	51.0	31.7	26.9	17.5	10.3	4.00	2.80	1.43	0.770

Logistics

Carton Box Size	346 x 160 x 121 mm
Pieces in the Carton Box	5 pcs / ctn
Net & Gross weight / CTN	N.W. / G.W.: 10.5 kg / 10.65 kg