

GPL09122F

PN: BTVACIUOCTA2FCN02B
EAN: 6422956010355

Specifications

Battery Model	GPL09122F
Voltage	12V
Power (1,65V/cell@15 min)	30.55W/cell
Type	Valve regulated lead-acid (VRLA), 6 cell, absorbent glass mat (AGM) - maintenance free
Designed Floating Life	Up to 8 years (25°C) Eurobat (20°C) : 10-12 years long life
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 ≤ 19mΩ
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: 2.7A
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	2.5 Kg



Completely
sealed and
maintenance-free



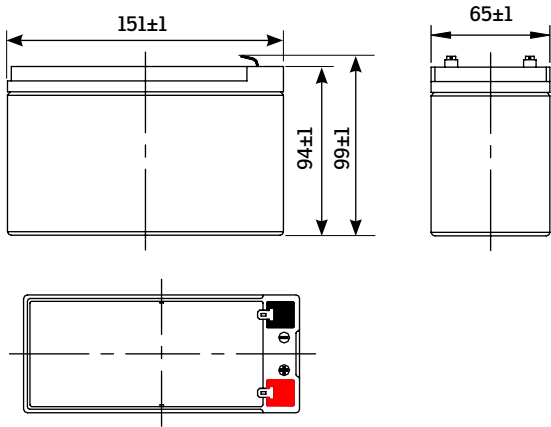
Excellent
charging and
re-charging



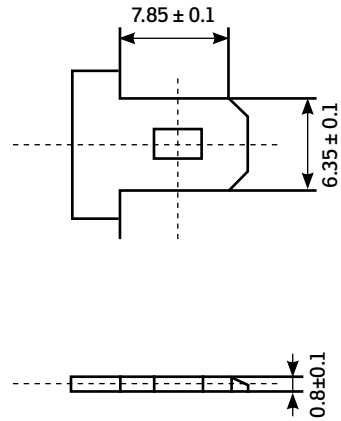
Long life, low self-
discharge rate and
high reliability 5-8
years

- 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

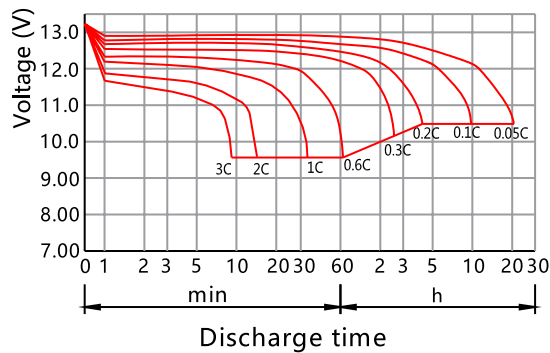
Dimensions (mm)



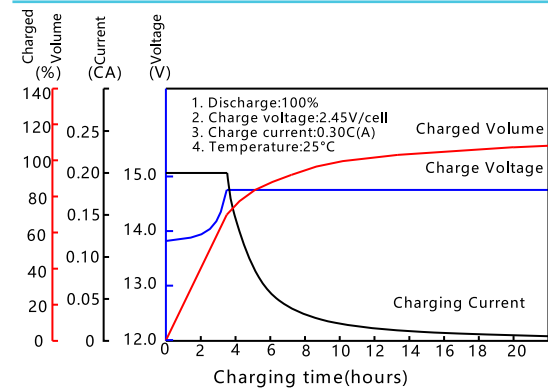
T2 (F2) Terminal Dimensions (mm)



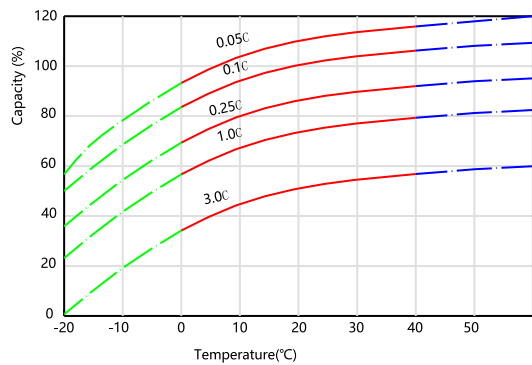
Float Charging Characteristics



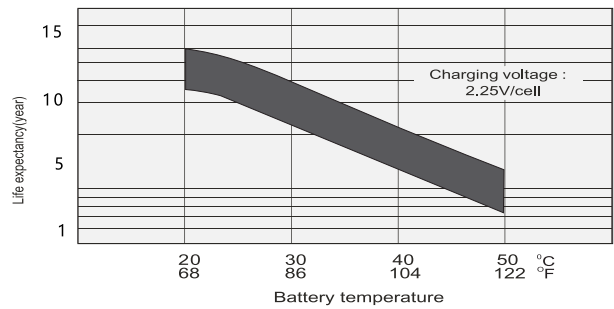
Discharge Characteristics



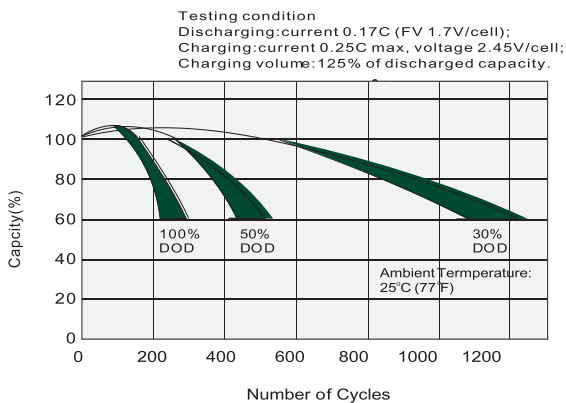
Temperature Effects in Relation to Battery Capacity



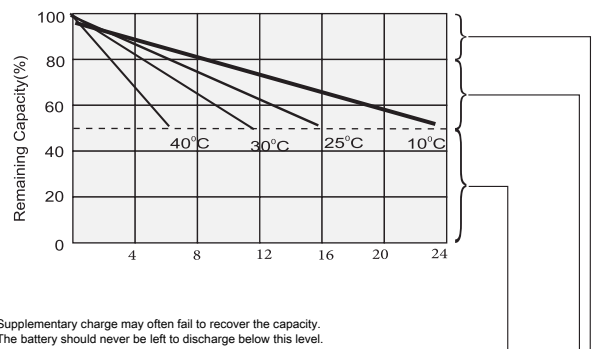
Effect of Temperature on Long Term Float Life



Cycle Life in Relation to Depth of Discharge



Self Discharge Characteristics



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	27.564	19.558	14.766	9.579	5.368	2.248	1.546	0.887	0.459
1.75V/cell	28.349	20.264	15.064	9.765	5.580	2.325	1.581	0.902	0.465
1.70V/cell	30.314	21.495	15.660	9.905	5.602	2.348	1.606	0.921	0.477
1.65V/cell	31.132	21.928	16.057	9.998	5.630	2.383	1.636	0.944	0.493
1.60V/cell	32.736	22.794	16.554	9.951	5.669	2.441	1.692	0.983	0.512

Constant Wattage Discharge Characteristics (W), 25°C

F.V/Ti	5min	10min	15min	30min	1Hr	3Hr	5Hr	10Hr	20Hr
1.80V/cell	63.463	42.900	32.965	20.112	12.067	5.110	2.933	1.742	0.950
1.75V/cell	65.265	43.945	33.527	20.320	12.170	5.150	3.026	1.786	0.925
1.70V/cell	67.392	44.983	34.255	20.515	12.272	5.187	3.113	1.846	0.956
1.65V/cell	69.382	45.603	34.688	20.627	12.333	5.212	3.201	1.915	1.004
1.60V/cell	74.227	47.038	35.692	20.875	12.473	5.265	3.333	2.017	1.056

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.: 25 kg / 25.8 kg