

# GPL09122F

PN: BTVACIUOCTB2FCW01B  
EAN: 6422956014001

## Specifications

Battery Model	GPL09122F
Voltage	12V
Power (1,65V/cell@15 min)	31.80W/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
<b>Construction</b>	
Container & Cover	ABS
Safety valve	Rubber
Terminal	Copper
Internal Resistance	Full charged at 25°C ≤ 20mΩ
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: 2.7A
Float use	13.5V - 13.8V (-20mV/°C)
Internal resistance	15mΩ
<b>Physical</b>	
Without Terminal	151 x 65 x 94 mm
With Terminal	151 x 65 x 100 mm
Product Weight	2.55 Kg



Completely  
sealed and  
maintenance-free



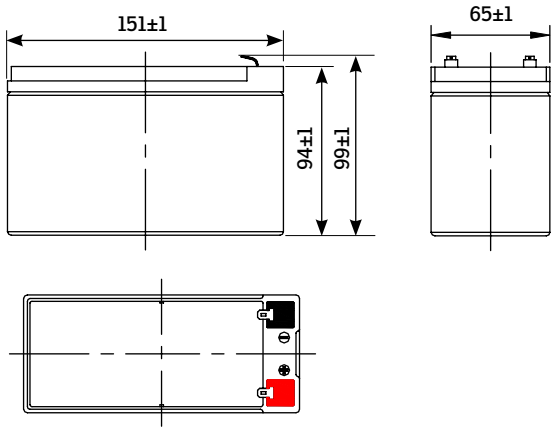
Excellent  
charging and  
re-charging



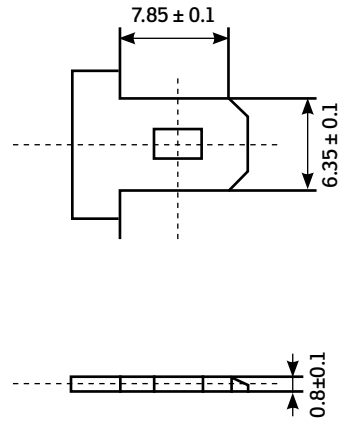
Long life, low self-  
discharge rate and  
high reliability 9  
years

- 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 500 cycles at 100% DOD
- Multiple Application: Alarm and Security Systems, Cable Television, Communication Equipment, Power Tools, Control Equipment, Medical Equipment, UPS, Toys

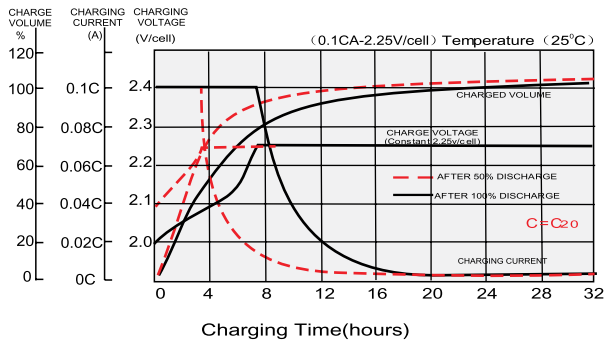
## Dimensions (mm)



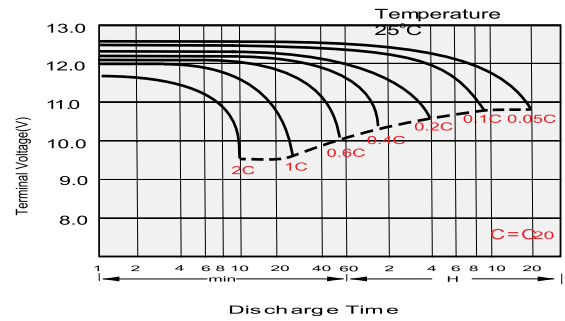
## T2 (F2) Terminal Dimensions (mm)



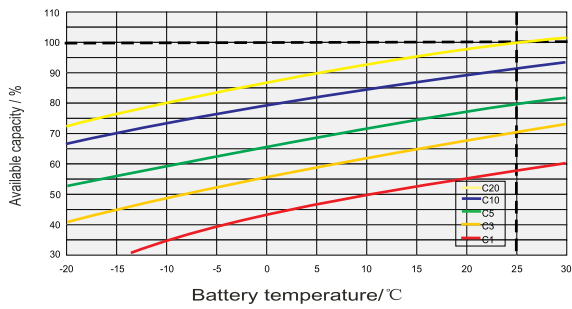
## Float Charging Characteristics



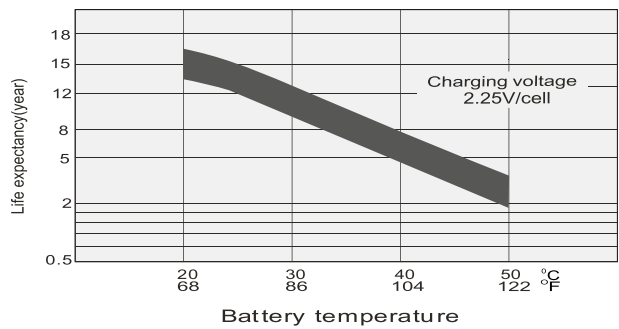
## Discharge Characteristics



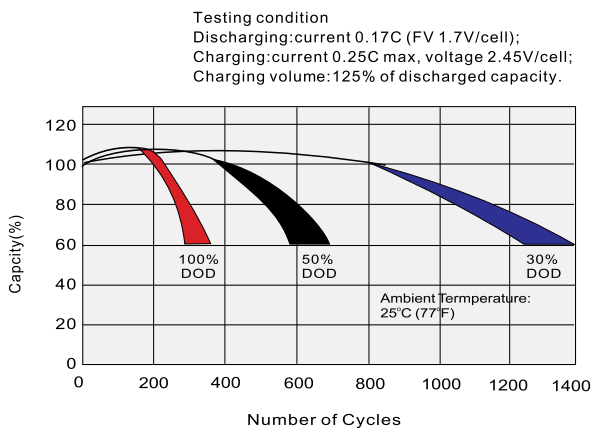
## Temperature Effects in Relation to Battery Capacity



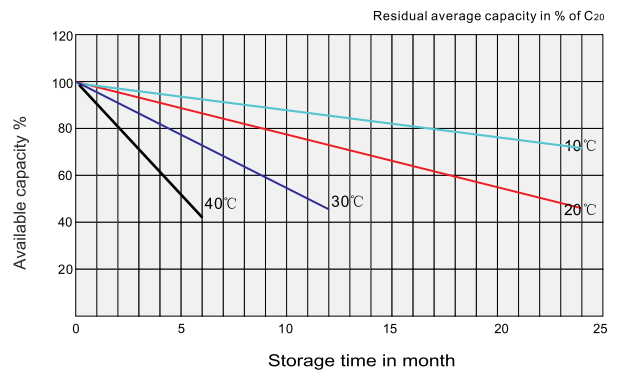
## Effect of Temperature on Long Term Float Life



## Cycle Life in Relation to Depth of Discharge



## 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	28.6	18.9	14.9	8.53	5.37	2.18	1.49	0.82	0.44
1.75V/cell	30.3	19.4	15.9	8.86	5.51	2.26	1.52	0.84	0.45
1.70V/cell	31.8	20.1	16.4	9.08	5.63	2.27	1.55	0.84	0.45
1.65V/cell	32.7	21.0	17.0	9.35	5.76	2.29	1.57	0.85	0.45
1.60V/cell	33.9	21.6	17.4	9.57	5.89	2.31	1.59	0.86	0.46




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

F.V/Ti	5min	10min	15min	30min	1Hr	3Hr	5Hr	10Hr	20Hr
1.80V/cell	53.5	34.6	28.1	16.4	10.31	4.30	2.95	1.64	0.881
1.75V/cell	56.6	36.4	29.6	16.9	10.65	4.43	3.05	1.67	0.893
1.70V/cell	59.1	37.9	30.6	17.4	10.83	4.50	3.06	1.68	0.905
1.65V/cell	61.2	39.4	31.8	17.9	11.12	4.52	3.08	1.69	0.910
1.60V/cell	63.7	40.8	32.9	18.6	11.37	4.60	3.12	1.70	0.913



## 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.: 12.75 kg / 13 kg

