

GPL09122F

PN: BTVACIUOCTB2FCW02B

EAN: 6422956015008



Specifications

Battery Model	GPL09122F
Voltage	12V
Power (1,65V/cell@15 min)	32.00W/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
Construction	
Container & Cover	ABS
Safety valve	Rubber
Terminal	Copper
Internal Resistance	Full charged at 25°C ≤ 16mΩ
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	2.58 kg



Completely
sealed and
maintenance-free



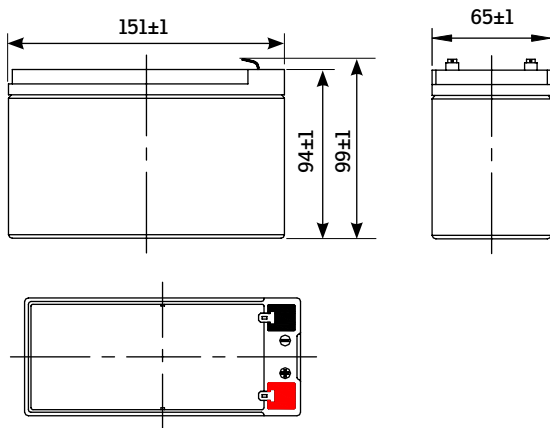
Excellent
charging and
re-charging



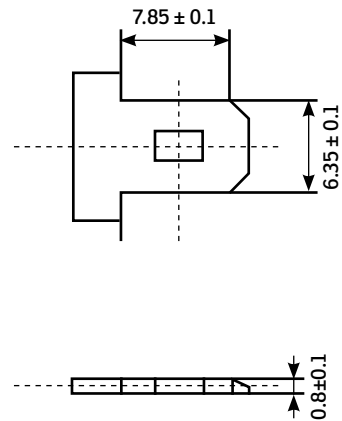
Long life, low self-
discharge rate and
high reliability 9
years

- 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

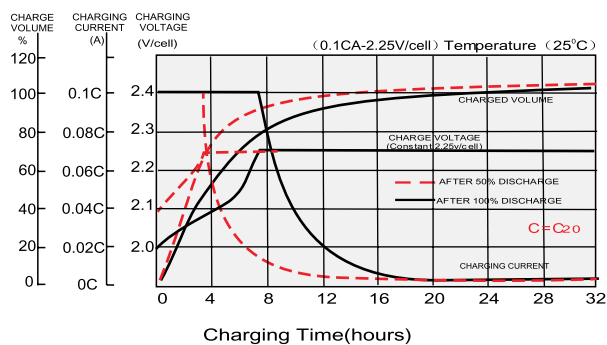
Dimensions (mm)



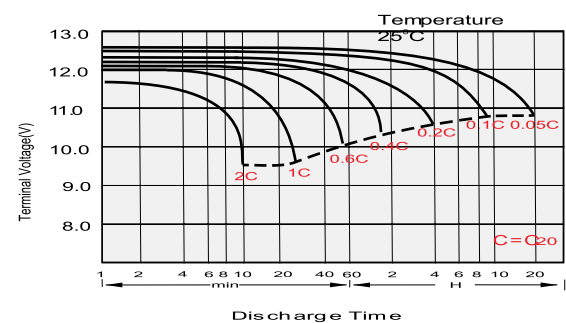
T2 (F2) Terminal Dimensions (mm)



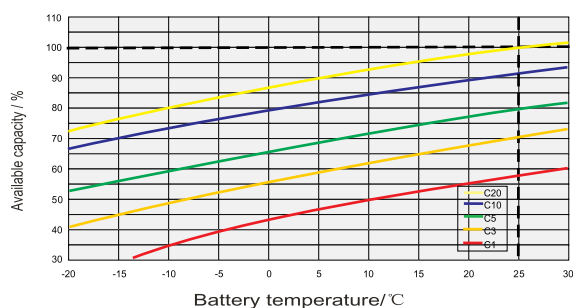
Float Charging Characteristics



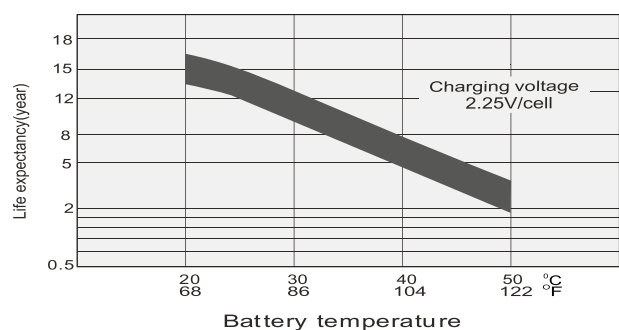
Discharge Characteristics



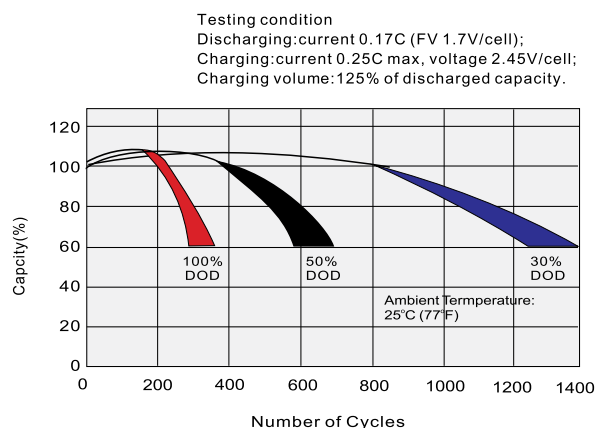
Temperature Effects in Relation to Battery Capacity



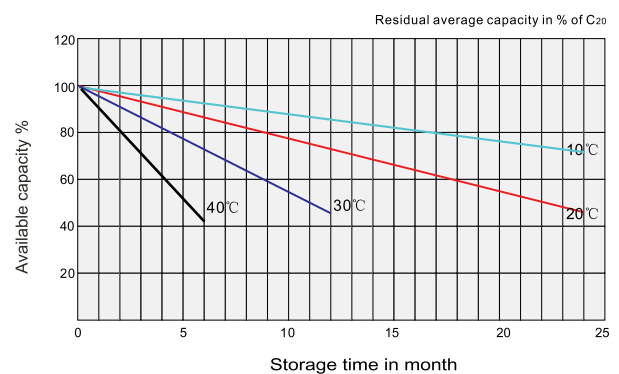
Effect of Temperature on Long Term Float Life



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	28.0	18.9	14.9	9.33	5.39	2.38	1.57	0.85	0.44
1.75V/cell	30.0	19.4	15.9	9.56	5.53	2.56	1.60	0.88	0.45
1.70V/cell	32.1	20.1	16.4	9.78	5.65	2.57	1.62	0.89	0.46
1.65V/cell	33.0	21.0	17.0	9.95	5.78	2.60	1.63	0.90	0.47
1.60V/cell	34.0	21.6	17.4	10.1	5.90	2.61	1.65	0.92	0.47



Constant Wattage Discharge Characteristics (W), 25°C

F.V/Ti	5min	10min	15min	30min	1Hr	3Hr	5Hr	10Hr	20Hr
1.80V/cell	52.5	35.6	28.6	16.4	11.31	4.90	3.25	1.74	0.920
1.75V/cell	56.0	37.4	30.6	17.9	11.65	5.00	3.30	1.80	0.925
1.70V/cell	58.5	38.9	32.6	19.4	11.83	5.02	3.32	1.82	0.926
1.65V/cell	60.2	40.4	33.8	20.9	12.12	5.06	3.34	1.83	0.928
1.60V/cell	63.0	41.8	34.5	21.6	12.37	5.08	3.36	1.84	0.929



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.: 12.90 kg / 13.15 kg

