

GPL09122F

PN: BTVACIUOCTO2FCW02B
EAN: 6422956013707

Specifications

Battery Model	GPL09122F
Voltage	12V
Power (1,65V/cell@15 min)	29.91W/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 ≤ 23mΩ
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)
Internal resistance	17 mΩ
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



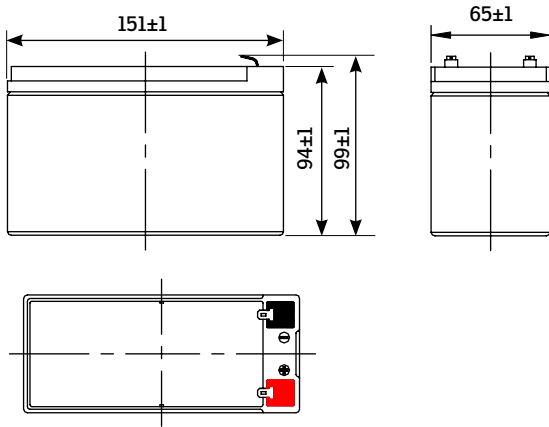
Excellent
charging and
re-charging



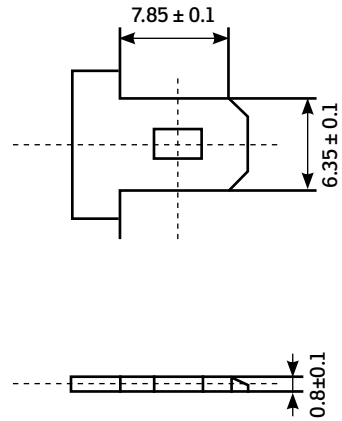
Long life, low self-
discharge rate and
high reliability 9
years

- 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

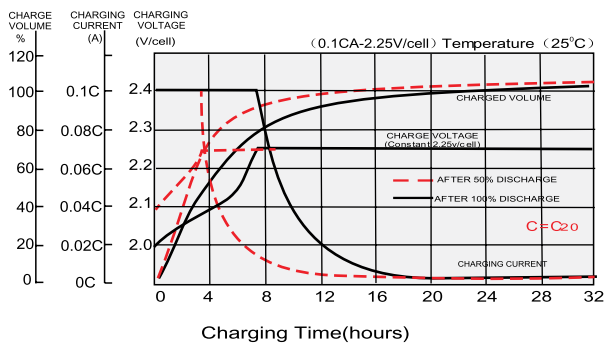
Dimensions (mm)



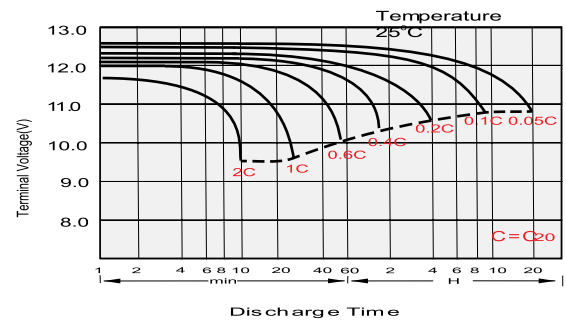
T2 (F2) Terminal Dimensions (mm)



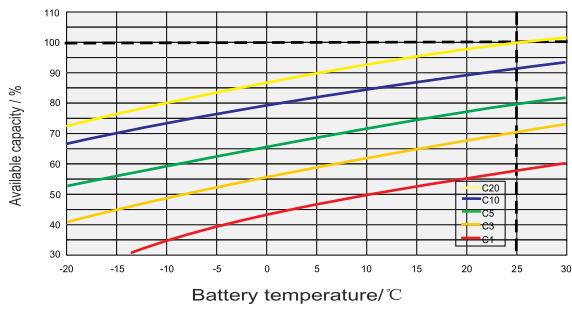
Float Charging Characteristics



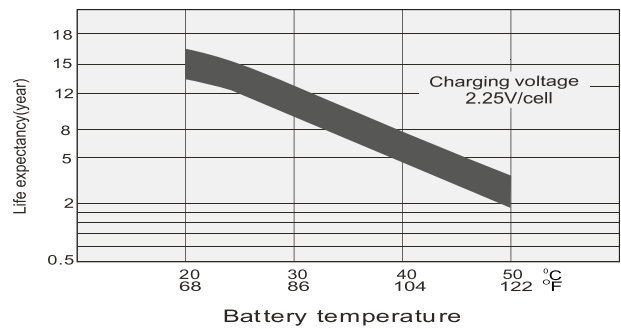
Discharge Characteristics



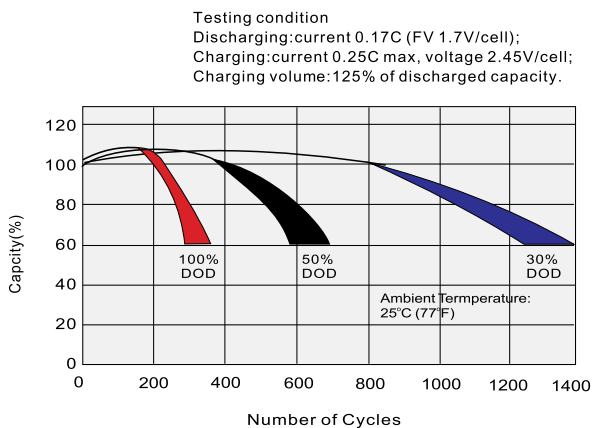
Temperature Effects in Relation to Battery Capacity



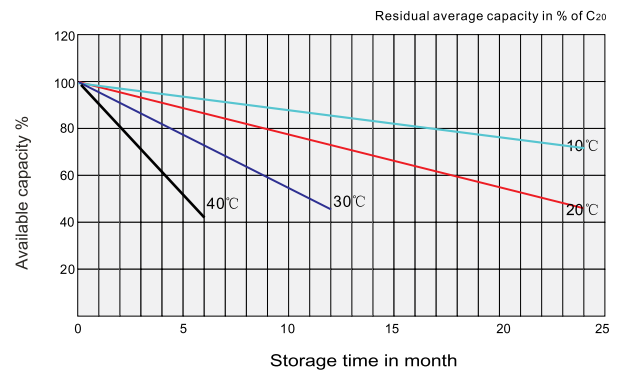
Effect of Temperature on Long Term Float Life



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	30.11	20.89	15.60	9.86	5.98	2.7	1.75	0.858	0.45
1.75V/cell	34.53	22.13	16.28	10.31	6.21	2.75	1.76	0.863	0.455
1.70V/cell	37.00	22.86	16.58	10.64	6.35	2.78	1.77	0.867	0.460
1.65V/cell	37.21	23.31	16.96	10.86	6.50	2.81	1.78	0.868	0.462
1.60V/cell	38.06	23.52	17.27	10.44	6.61	2.83	1.79	0.969	0.564

Constant Wattage Discharge Characteristics (W), 25°C

F.V/Ti	5min	10min	15min	30min	1Hr	3Hr	5Hr	10Hr	20Hr
1.80V/cell	51.60	37.61	28.21	18.01	11.83	5.38	3.35	1.65	0.848
1.75V/cell	56.06	38.75	28.70	18.72	12.13	5.47	3.37	1.66	0.850
1.70V/cell	60.71	40.30	29.28	19.23	12.49	5.52	3.39	1.67	0.853
1.65V/cell	62.00	40.91	29.91	19.61	12.79	5.60	3.42	1.68	0.853
1.60V/cell	63.61	41.51	30.41	19.92	12.98	5.64	3.44	1.68	0.854

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 / 25.3 kg