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# GP09122F

PN: BTVACIUOCTO2FCW01B  
EAN: 6422956013479

## Specifications

Battery Model	GP09122F
Voltage	12V
Power (1,65V/cell@15 min)	29.82W/cell
Type	Valve regulated lead-acid (VRLA), 6 cell, absorbent glass mat (AGM) - maintenance free
Designed Floating Life	Up to 5 years (25°C)
Nominal Operating Temp. Range	25°C ± 3°C
Terminal	F2 terminal -Faston Tab 250
<b>Construction</b>	
Container & Cover	ABS
Safety valve	Rubber
Terminal	Copper
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	18mΩ
<b>Physical</b>	
Without Terminal	151 x 65 x 94.5 mm
With Terminal	151 x 65 x 100 mm
Product Weight	2.42 Kg



Completely  
sealed and  
maintenance-free



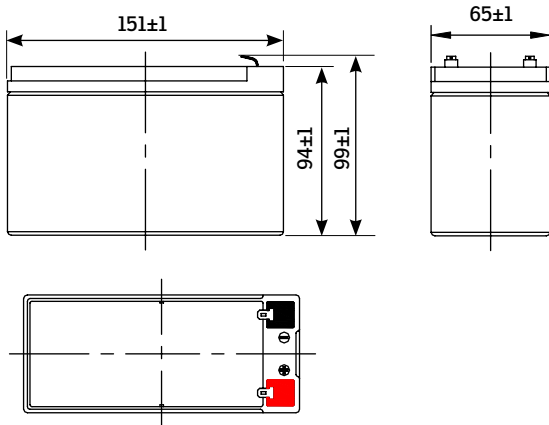
Excellent  
charging and  
re-charging



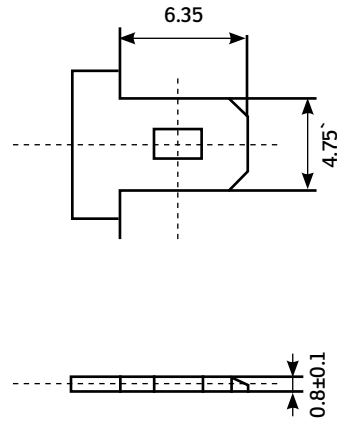
Floating &  
standby use:  
5 years

- Small size battery
- Excellent charging and re-charging
- Stable and reliable for long-term
- Low self-discharge
- Floating & standby use: up to 5 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

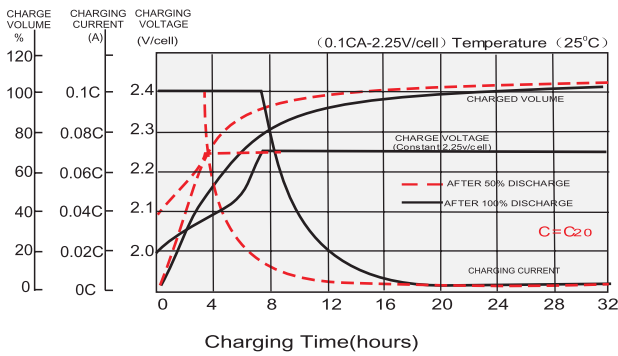
## Dimensions (mm)



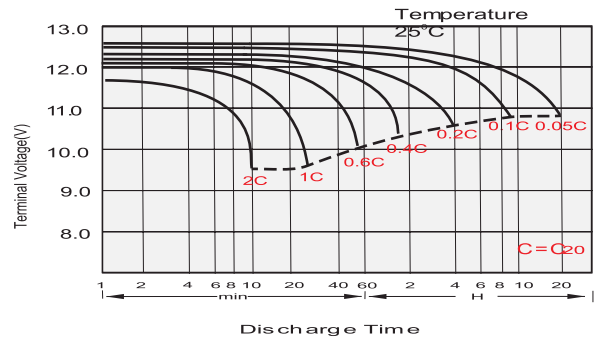
## T1 / T2 Terminal Dimensions (mm)



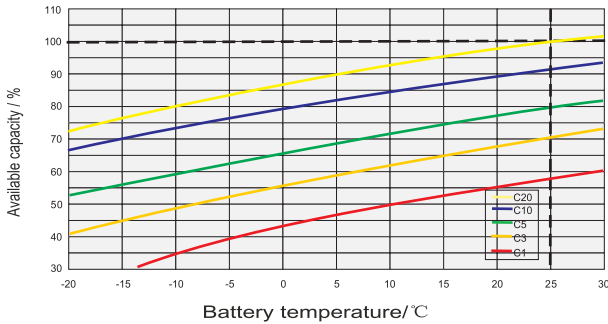
## Float Charging Characteristics



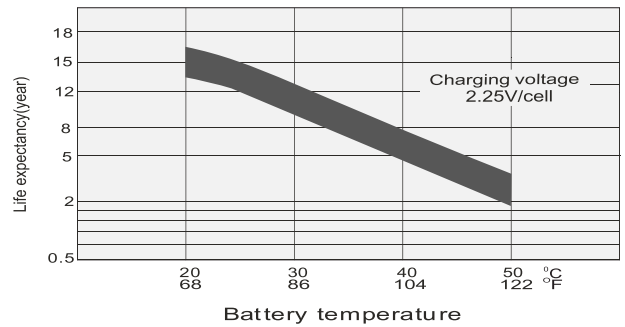
## Discharge Characteristics



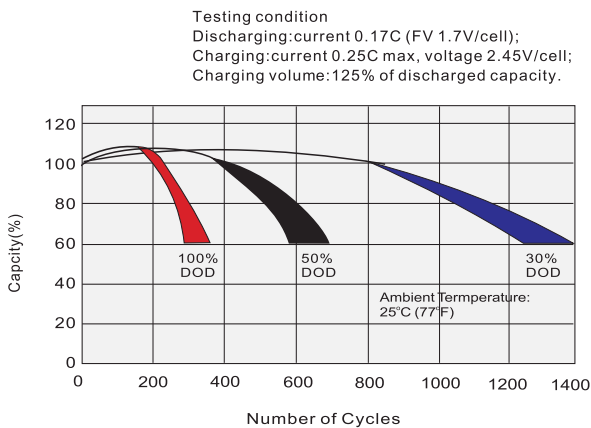
## Temperature Effects in Relation to Battery Capacity



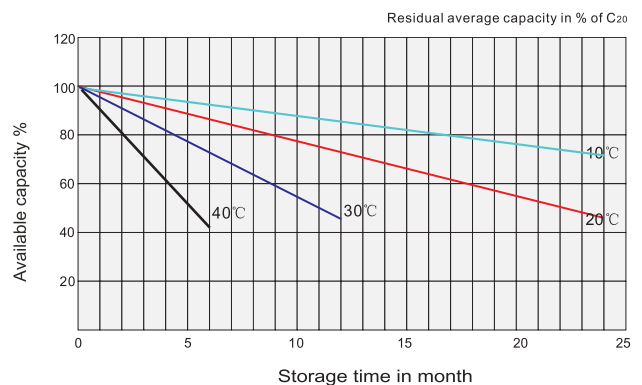
## Effect of Temperature on Long Term Float Life



## Cycle Life in Relation to Depth of Discharge



## Self Discharge Characteristics





## Constant Current Discharge Characteristics (A), 25°C

F.V/Ti	5min	10min	15min	30min	1Hr	3Hr	5Hr	10Hr	20Hr
1.80V/cell	29.62	20.80	15.69	9.30	6.10	2.21	1.428	0.840	0.435
1.75V/cell	33.16	22.00	16.30	9.70	6.30	2.30	1.440	0.850	0.450
1.70V/cell	36.84	22.59	16.60	9.98	6.39	2.37	1.445	0.852	0.452
1.65V/cell	37.15	23.17	17.00	10.21	6.42	2.41	1.448	0.854	0.453
1.60V/cell	38.00	23.40	17.20	10.35	6.45	2.43	1.450	0.855	0.454






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

F.V/Ti	5min	10min	15min	30min	1Hr	3Hr	5Hr	10Hr	20Hr
1.80V/cell	49.60	37.50	27.61	17.85	11.76	4.16	2.60	1.377	0.846
1.75V/cell	55.30	39.00	28.59	18.66	11.99	4.20	2.62	1.397	0.853
1.70V/cell	56.10	40.22	29.39	19.13	12.40	4.23	2.64	1.419	0.855
1.65V/cell	58.90	41.00	29.82	19.50	12.55	4.25	2.66	1.438	0.857
1.60V/cell	60.50	41.40	30.31	19.80	12.70	4.28	2.68	1.441	0.860



## 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.: 24.2 kg / 24.5 kg

