

# GP12122F

PN: BTVACATBDTE2FCW01B  
EAN: 6422956013714

## Specifications

Battery Model	GP12122F
Voltage	12V
Power (1,65V/cell@15 min)	44.5W/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/T2
<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: 3.6A
Float use	13.5V - 13.8V (-20mV/°C)
Internal resistance	18 mΩ
<b>Physical</b>	
Without Terminal	151 x 98 x 95 mm
With Terminal	151 x 98 x 101 mm
Product Weight	3.3 Kg



Completely  
sealed and  
maintenance-free



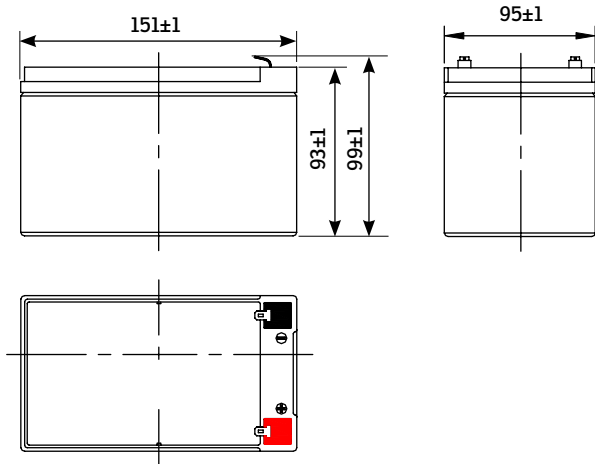
Excellent  
charging and  
re-charging



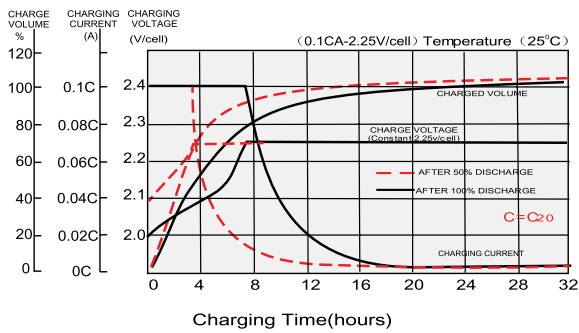
Floating &  
standby use:  
5 years

- 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

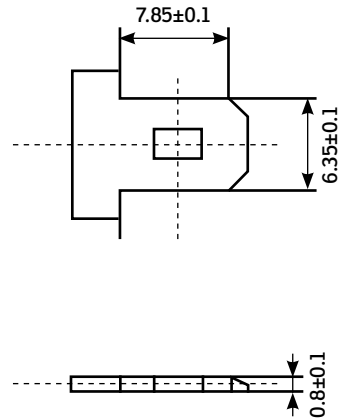
## Dimensions (mm)



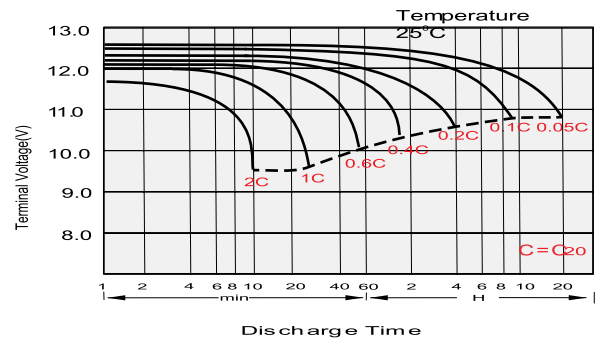
## Float Charging Characteristics



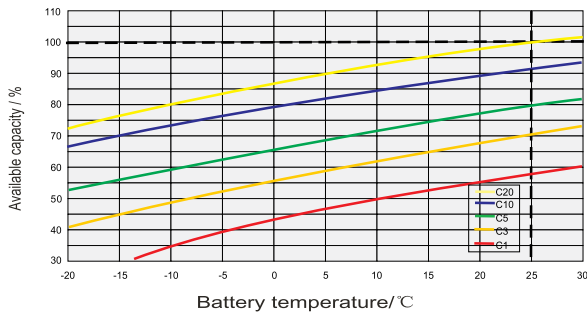
## T2 (F2) Terminal Dimensions (mm)



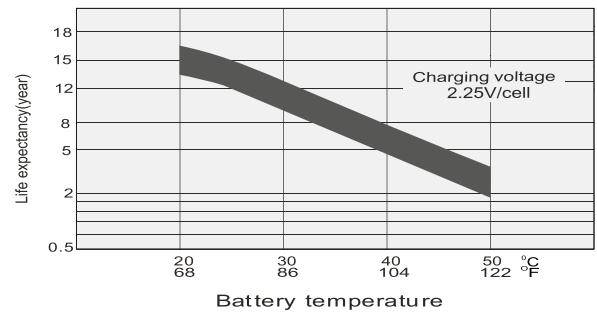
## Discharge Characteristics



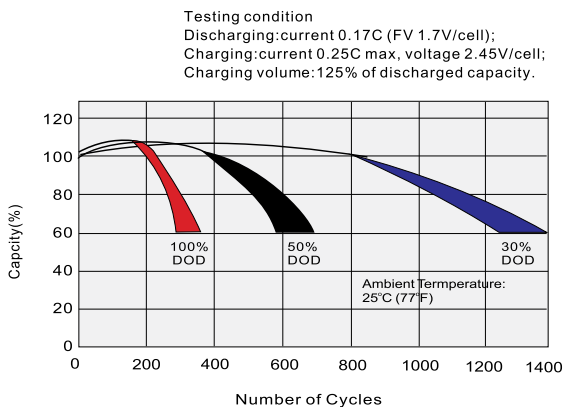
## Temperature Effects in Relation to Battery Capacity



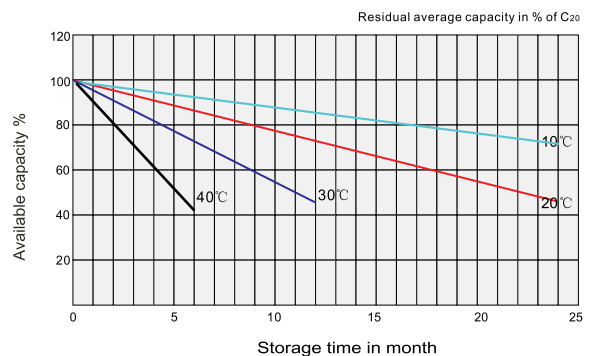
## Effect of Temperature on Long Term Float Life



## 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	40.1	28.3	20.7	14.0	7.40	3.30	2.24	1.20	0.64
1.75V/cell	51.2	30.0	22.3	14.5	7.65	3.34	2.27	1.21	0.64
1.70V/cell	55.0	31.0	22.9	14.8	7.76	3.37	2.3	1.22	0.65
1.65V/cell	59.0	31.9	23.4	14.9	7.80	3.41	2.32	1.23	0.66
1.60V/cell	60.9	32.3	23.7	15.0	7.82	3.43	2.34	1.24	0.67

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

F.V/Ti	5min	10min	15min	30min	1Hr	3Hr	5Hr	10Hr	20Hr
1.80V/cell	76.3	50.8	40.0	28.5	15.50	6.58	4.52	2.43	1.31
1.75V/cell	89.6	56.8	42.1	29.2	15.84	6.68	4.58	2.46	1.32
1.70V/cell	100.0	58.7	43.6	29.6	15.95	6.75	4.62	2.47	1.33
1.65V/cell	107.3	60.5	44.5	29.8	16.04	6.81	4.65	2.48	1.34
1.60V/cell	110.1	61.2	45.0	30.0	16.10	6.84	4.67	2.49	1.35

## Logistics

 Carton Box Size	320 x 210 x 117 mm
 Pieces in the Carton Box	6 pcs / ctn
 Net & Gross weight / CTN	N.W. / G.W.: 19.8 kg / 20.1 kg