

# HR09122F

PN: BTVACIUOCTD2FBT01B  
EAN: 6422956013295

## Specifications

Battery Model	HR09122F
Voltage	12V
Power (1,65V/cell@15 min)	34.30W/cell
Type	Valve regulated lead-acid (VRLA), 6 cell, absorbent glass mat (AGM) - maintenance free
Designed Floating Life	Up to 5 years (25°C) Eurobat (20°C) : 3-5 years long life
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
Internal Resistance	Full charged at 25°C ≤ 23mΩ
Self Discharge (25°C)	2% of capacity declined per month
<b>Capacity affected by temperature</b>	
40°C	102%
25°C	100%
0°C	85%
-15°C	65%
<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)
<b>Physical</b>	
Without Terminal	151 x 65 x 94 mm
With Terminal	151 x 65 x 98 mm
Product Weight	2.68 Kg



Completely  
sealed and  
maintenance-free



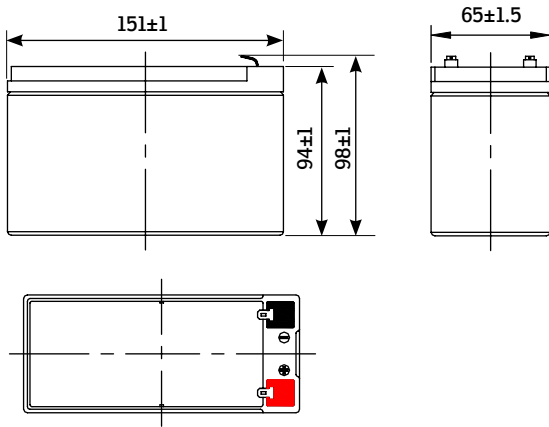
Excellent  
charging and  
re-charging



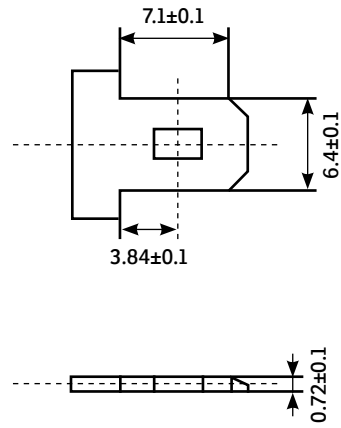
High Rate  
Discharge

- High energy and high intensity
- Small size battery
- Excellent charging and re-charging
- Stable and reliable for long-term
- Low self-discharge
- 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

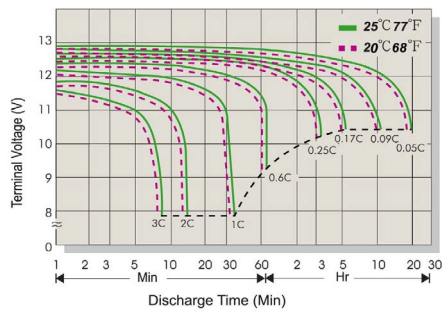
## Dimensions (mm)



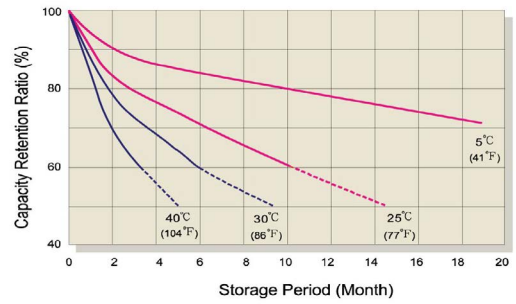
## T2 (F2) Terminal Dimensions (mm)



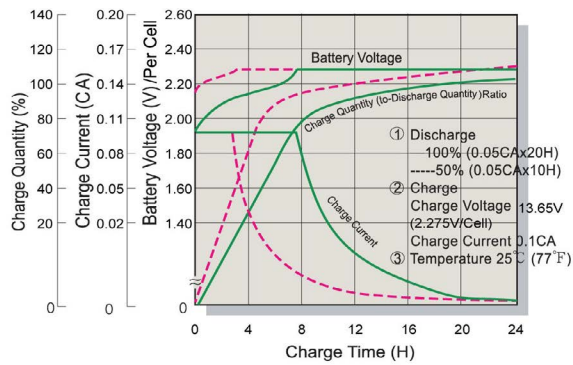
## Terminal voltage and discharge time



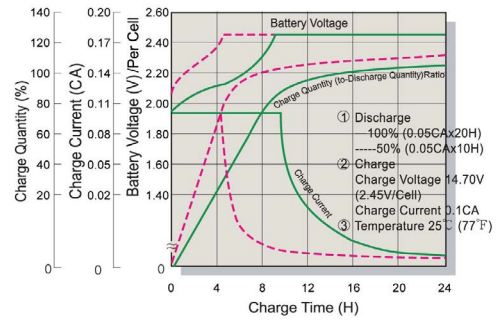
## Capacity retention characteristic



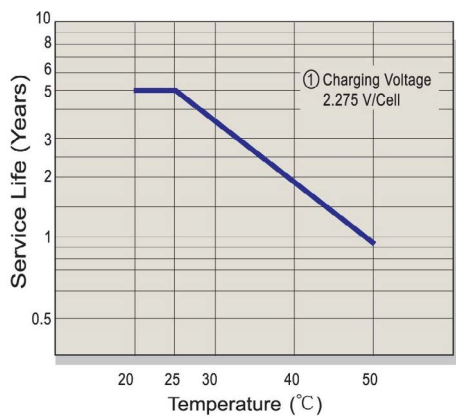
## Battery Voltage and Charge Time for Standby Use



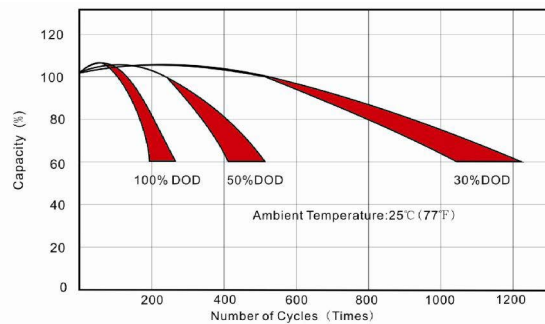
## Battery Voltage and Charge Time for Cycle Use



## Tickle(or Float) Service Life



## Cycle Service Life





## Constant Power(Watt) Discharge at 25°C

F.V/T	5min	10min	15min	30min	1Hr	2Hr	3Hr	4Hr
1.60V/Cell	63.52	44.09	36.22	21.71	12.44	6.68	5.51	4.21
1.67V/Cell	60.15	41.75	34.30	20.56	11.78	6.32	5.22	3.99
1.70V/Cell	57.90	40.19	33.02	19.79	11.34	6.09	5.02	3.84
1.75V/Cell	56.21	39.02	32.05	19.21	11.01	5.91	4.88	3.73
1.80V/Cell	55.18	38.30	31.46	18.86	10.81	5.80	4.79	3.66






## Constant Current(A) Discharge at 25°C

F.V/T	5min	10min	15min	30min	1Hr	2Hr	3Hr	4Hr
1.60V/Cell	32.57	22.61	18.57	11.13	6.380	3.424	2.826	2.159
1.67V/Cell	30.84	21.41	17.59	10.54	6.042	3.242	2.676	2.044
1.70V/Cell	29.69	20.61	16.93	10.15	5.816	3.121	2.576	1.968
1.75V/Cell	28.83	20.01	16.44	9.85	5.646	3.030	2.501	1.911
1.80V/Cell	28.30	19.64	16.14	9.67	5.542	2.974	2.455	1.876



## Logistics

-  Carton Box Size                    316 x 274 x 124 mm
-  Pieces in the Carton Box            8 pcs / ctn
-  Net & Gross weight / CTN        N.W. / G.W.: 21.44 kg / 21.74 kg

