

# HR09122F

PN: BTVACIUOCTH2FCN01B  
EAN: 6422956010119

## Specifications

Battery Model	HR09122F
Voltage	12V
Power (1,65V/cell@15 min)	38.31W/cell
Type	Valve regulated lead-acid (VRLA), 6 cell, absorbent glass mat (AGM) - maintenance free
Designed Floating Life	Up to 8 years (25°C) Eurobat (20°C) : 10-12 years long life
Nominal Operating Temp. Range	25°C ± 3°C
Terminal	F2 terminal -Faston Tab 250
Construction	
Container & Cover	ABS
Safety valve	Rubber
Terminal	Copper
Internal Resistance	Full charged at 25°C ≤ 22mΩ
Self Discharge (20°C)	2% of capacity declined per month
Capacity affected by temperature	
40°C	103%
25°C	100%
0°C	86%
-15°C	65%
Charge Voltage (25°C)	
Cycle use	14.1V - 14.40V (-30mV/°C), max. Current: 2.0A
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	2.57 Kg



Completely  
sealed and  
maintenance-free



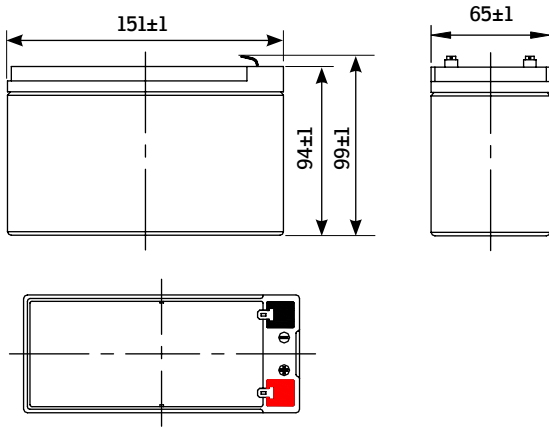
Excellent  
charging and  
re-charging



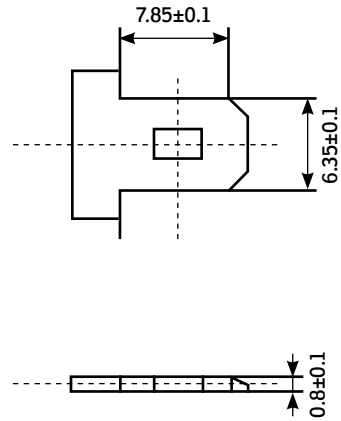
High Rate  
Discharge

- 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

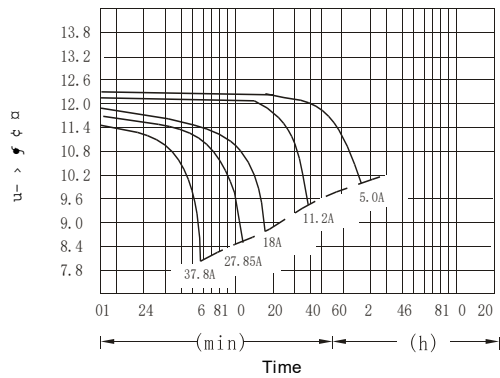
## Dimensions (mm)



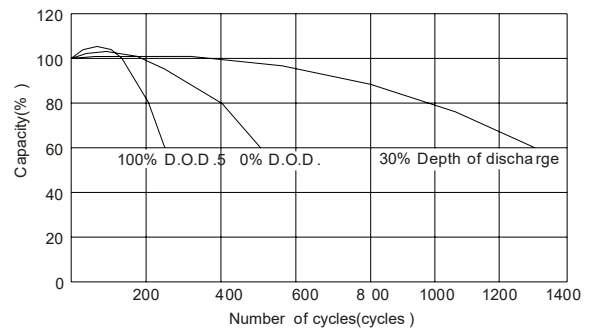
## T2 (F2) Terminal Dimensions (mm)



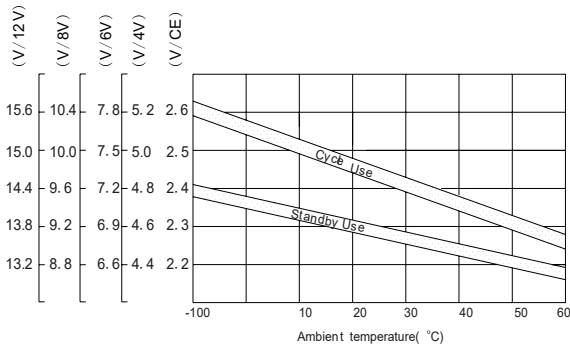
## Discharge characteristic Curve



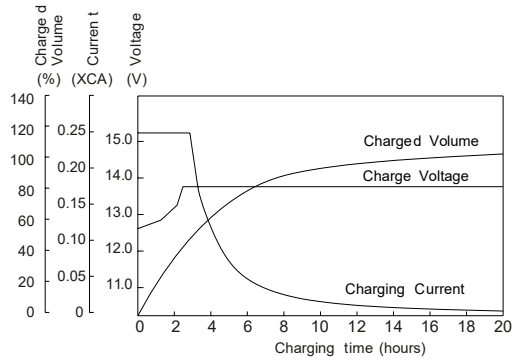
## Cycle service life in relation to depth of discharge



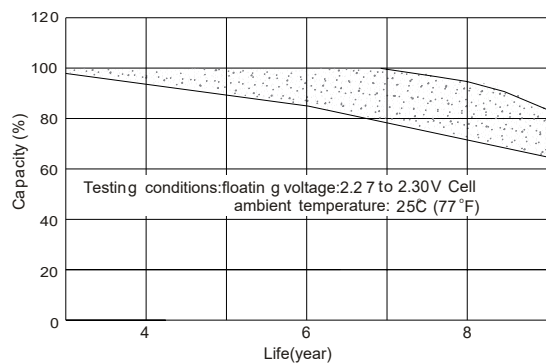
## Relationship between charging voltage and T°



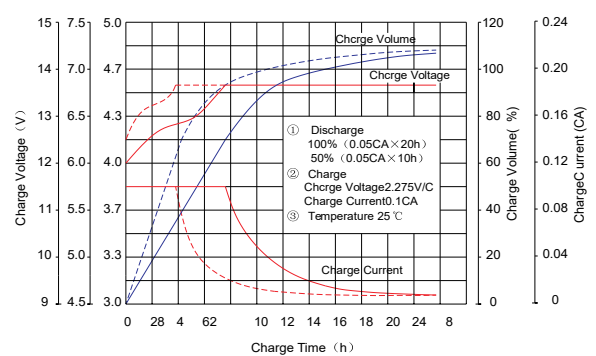
## Constant voltage charging characteristic (0.25CA, at 25 C)



## Life characteristics of standby use



## Charge characteristic Curve for standby use





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

F.V/T	3min	5min	8min	10min	15min	20min	30min	60min
10.02V	632.8	503.58	363,1	313.61	234.97	187.6	137.28	81.37
10.20V	591.89	447.56	347.06	301.96	229.13	184.04	135.75	80.19
10.50V	574.2	437.73	341.88	297.88	226.58	182.53	135.1	79.68
10.80V	544.27	421.93	333.39	292	222.27	180.04	133.99	78.81
11.10V	513.75	406.8	325.09	286.15	217.87	177.57	132.88	77.93






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

F.V/T	3min	5min	8min	10min	15min	20min	30min	60min
10.02V	40.35	35.10	29.60	26.11	20.40	16.25	12.15	7.10
10.20V	38.70	33.62	28.55	25.18	19.77	15.61	11.81	6.89
10.50V	36.55	31.78	27.12	23.63	18.84	15.18	11.48	6.77
10.80V	34.38	29.89	25.70	22.08	17.90	14.77	11.12	6.65
11.10V	32.05	27.90	24.15	20.47	16.88	14.21	10.71	6.48



## 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.: 25.7 kg / 26.2 kg

