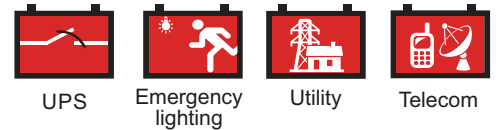


# GT 2V series

## 2V VRLA AGM Battery

AGG GT series is Top terminal VRLA AGM battery for General use. With advanced manufacturing technique and industry scale, GT series delivers high energy density and high reliability performance, highly suited for UPS systems, security and alarm systems, telecommunication, utilities, emergency light systems, CATV and other backup applications.



### Features and Benefits

- 12+ years design floating life at 25°C (77°F)
- Valve Regulated Lead Acid AGM technology
- High energy density and high reliability performance
- Standard sizes for general purpose
- Flexible design for multiple installation space
- Low self-discharge rate
- Self-regulating pressure relief valve with flame arrester



2V VRLA AGM Battery

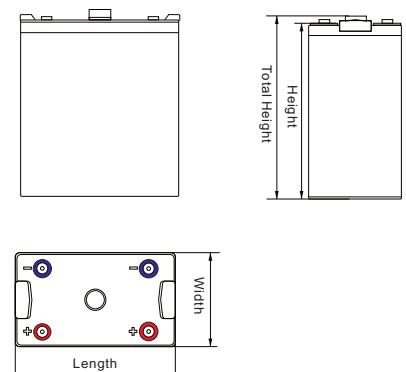
### Electrical Specifications

Model	Number of cells	Nominal Voltage (V)	Capacity ( 25°C)						Internal Resistance	Short Circuit Current	Maximum Current	
			C <sub>10</sub>	C <sub>8</sub>	C <sub>3</sub>	C <sub>1</sub>	C <sub>20</sub>	C <sub>15min</sub>			Charge	Discharge (5 sec)
			@1.80V pc	@1.75V pc	@1.70V pc	@1.60V pc	@1.75V pc	@1.65V pc				
						(Ah)	Wpc	(mΩ)	(A)			
VHR 2GT200	1	2	200	200	159	127	218	429	0.75	2800	50	1400
VHR 2GT300	1	2	300	300	232	191	325	643	0.60	4000	75	1500
VHR 2GT400	1	2	400	400	319	255	433	856	0.44	5100	100	2000
VHR 2GT500	1	2	500	500	387	318	543	1071	0.40	6000	125	2000
VHR 2GT600	1	2	600	600	465	382	651	1285	0.33	7000	150	2500
VHR 2GT800	1	2	800	800	611	509	872	1510	0.28	9000	200	3200
VHR 2GT1000	1	2	1000	1000	798	636	1090	1887	0.24	11000	250	4000
VHR 2GT1200	1	2	1200	1200	957	763	1307	2265	0.20	12000	300	4000
VHR 2GT1500	1	2	1500	1500	1197	954	1633	2831	0.17	14000	375	5000
VHR 2GT2000	1	2	2000	2000	1596	1273	2177	3775	0.14	17500	500	6000
VHR 2GT2500	1	2	2500	2500	1995	1590	2722	4718	0.12	21000	625	6000
VHR 2GT3000	1	2	3000	3000	2399	1912	3273	5663	0.11	27000	750	8000

\*For detailed discharge data of each single battery model, contact us by sending email to [info@aggnetworksolutions.com](mailto:info@aggnetworksolutions.com)

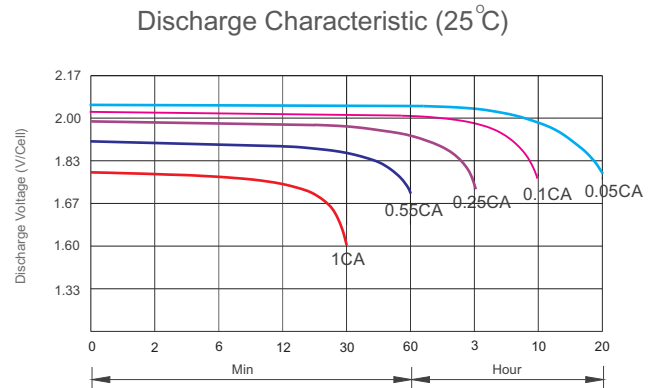
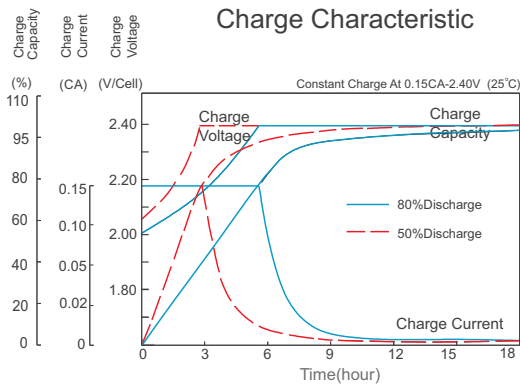
### Physical Specifications

Model	Dimension (mm)				Weight (kg)	Terminal	
	Length	Width	Height	Total Height		Type	Torque (N.m)
VHR 2GT200	170	105	340	345	13.6	F-M8	10-12
VHR 2GT300	170	150	340	345	18.9	F-M8	10-12
VHR 2GT400	195	170	340	345	25.4	F-M8	10-12
VHR 2GT500	240	170	340	345	29.9	F-M8	10-12
VHR 2GT600	283	170	340	345	36.8	F-M8	10-12
VHR 2GT800	382	170	340	345	51.3	F-M8	10-12
VHR 2GT1000	470	170	340	345	59.8	F-M8	10-12
VHR 2GT1200	470	170	340	345	63.7	F-M8	10-12
VHR 2GT1500	353	335	335	345	89.6	F-M8	10-12
VHR 2GT2000	475	335	335	345	116.5	F-M8	10-12
VHR 2GT2500	475	335	335	345	129.5	F-M8	10-12
VHR 2GT3000	695	338	335	345	173.5	F-M8	10-12



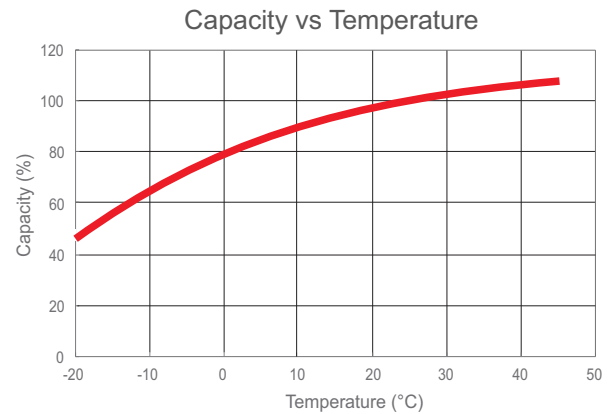
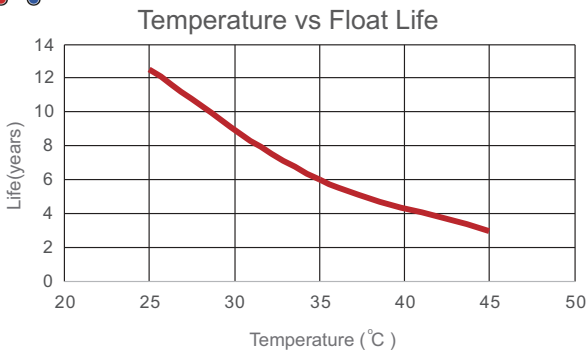
# GT 2V series 2V VRLA AGM Battery

## Charge/Discharge Characteristics



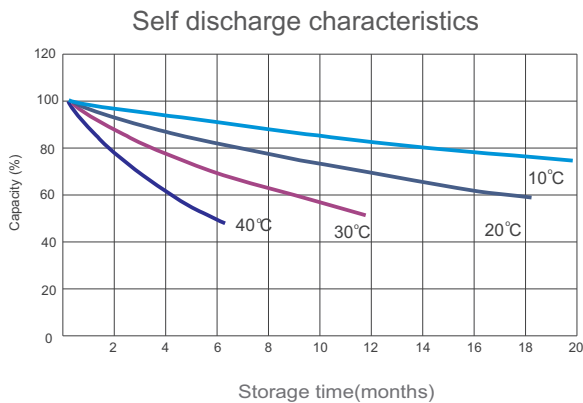
\*Float voltage: 2.25Vpc, Equalization voltage: 2.35 - 2.40Vpc @25°C

## Temperature Characteristics

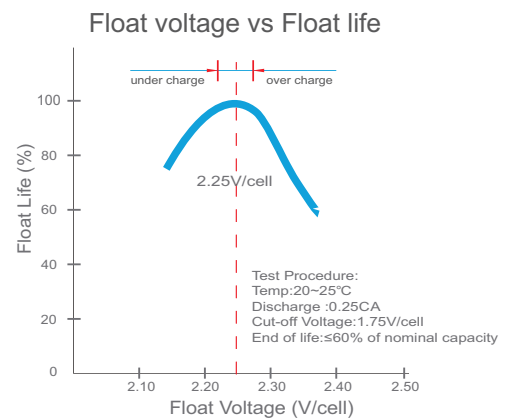


Temperature Range		
Discharge	Charge	Storage
-20°C to +55°C	-20°C to +50°C	-20°C to +45°C

## Self discharge characteristics



## Stationary/ Floating characteristics



### Standards Compliance



IEC60896-21/-22 BS6290 part4

