GFMJ SERIES

2V Tubular Gel OPzV Battery

FEATURES AND BENEFITS

- 20 years design life at floating condition @ 20˚C
- wide operating temperature range from - 15˚C to 60˚C
- Tubular positive plate with prolonged cycle life
- Fumed Silica gel electrolyte
- Lead Calcium die cast grid with improved corrosion resistance capability
- Low self-discharge rate and long shelf life (1year at 25˚C)
- Excellent deep discharge recovery capability

CONSTRUCTION

- Positive plate - Tubular plate with die cast Pb-Ca alloy grid
- Negative plate - balanced Pb-Ca grid for improved recombination efficiency
- Separator - leaf shape polymer separator
- Electrolyte - Dilute high purity sulphuric acid with fumed silica gel
- Battery container and cover - ABS
- Pillar seal - 100% factory tested, proven two layers epoxy resin seal
- Relief valve - Complete with integrated flamed arrestor

CHARGING VOLTAGE & SETTING

- Constant voltage charging is recommended
- Recommended float charge voltage: 2.27Vpc @ 20˚C
- Float voltage temperature compensation: -3mV/˚C/cell
- Float voltage range: 2.25 to 2.29 Vpc @ 20˚C

Max charge current allowable : 0.20C10A

APPLICABLE STANDARDS

MH45523

ISO9001:2008
ISO14001:2004
GB/T28001:2001

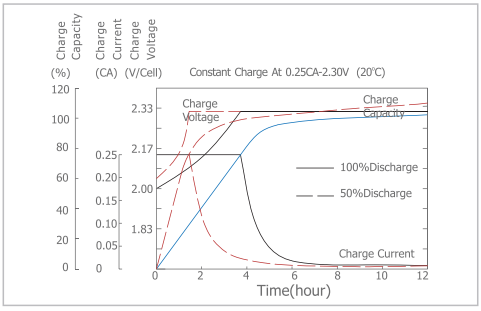
- IEC 60896—2004
- JISC 8707—1992
- GB/T 19638.2—2005
- YD/T 799—2010
- DL/T 637—1997

GENERAL SPECIFICATIONS

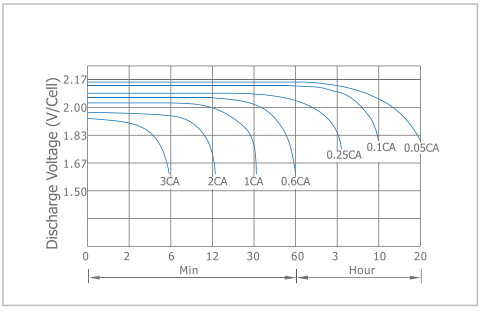
Code No.	Voltage (V)	Capacity (AH)	Dimension								Weight		Terminal Type
			Length		Width		Height		Total Height				
			mm	in	mm	in	mm	in	mm	in	Kg	Lb	
GFMJ - 100	2	100	103	4.06	206	8.11	354	13.9	390	15.4	13.2	29.1	T22
GFMJ - 150	2	150	103	4.06	206	8.11	354	13.9	390	15.4	14.7	32.4	T22
GFMJ - 200	2	200	103	4.06	206	8.11	354	13.9	390	15.4	16.3	35.9	T22
GFMJ - 250	2	250	124	4.88	206	8.11	354	13.9	390	15.4	20.3	44.8	T22
GFMJ - 300	2	300	145	5.71	206	8.11	354	13.9	390	15.4	24	52.9	T22
GFMJ - 350	2	350	124	4.88	206	8.11	471	18.5	506	19.9	28.5	62.8	T22
GFMJ - 420	2	420	145	5.71	206	8.11	471	18.5	506	19.9	32	70.6	T22
GFMJ - 500	2	500	166	6.54	206	8.11	471	18.5	506	19.9	35.5	78.3	T22
GFMJ - 600	2	600	145	5.71	206	8.11	646	25.4	681	26.8	43.5	95.9	T22
GFMJ - 630	2	630	254	10.0	210	8.27	471	18.5	506	19.9	46	101	T22
GFMJ - 700	2	700	254	10.0	210	8.27	471	18.5	506	19.9	51	112	T22
GFMJ - 770	2	770	254	10.0	210	8.27	471	18.5	506	19.9	56	123	T22
GFMJ - 800	2	800	191	7.52	210	8.27	646	25.4	681	26.8	58.5	129	T22
GFMJ - 1000	2	1000	233	9.17	210	8.27	646	25.4	681	26.8	72	159	T22
GFMJ - 1200	2	1200	275	10.8	210	8.27	646	25.4	681	26.8	84	185	T22
GFMJ - 1500	2	1500	275	10.8	210	8.27	796	31.3	831	32.7	105	232	T22
GFMJ - 2000	2	2000	399	15.7	212	8.35	772	30.4	807	31.8	156	344	T22
GFMJ - 2500	2	2500	487	19.2	212	8.35	772	30.4	807	31.8	185	408	T22
GFMJ - 3000	2	3000	576	22.7	212	8.35	772	30.4	807	31.8	220	485	T22

PERFORMANCE CHARACTERISTICS

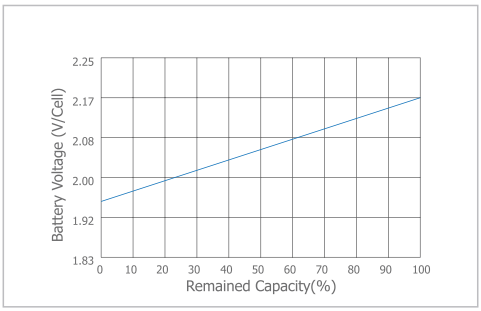
Charge Characteristics



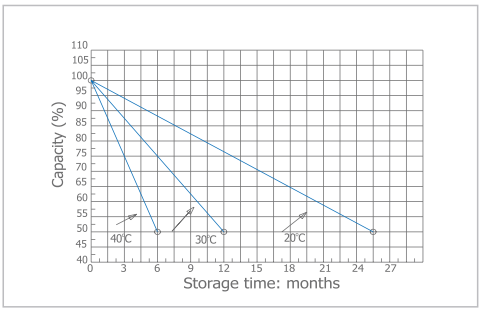
Discharge characteristics (20°C)



Relationship of OCV and State of charge



Self Discharge characteristics



Data showed in charts may vary for each model