



## 6-GFMF-xJ SERIES

### 12V Hybrid Gel Front Access Battery



#### TYPICAL APPLICATIONS

- UPS system
- Power supply system
- Broadcast and television system
- Reserve power system
- Traffic signal system
- Emergency light system



#### GENERAL FEATURES

- Float charge design life up to 15 years
- Low self-discharge
- High strength ABS material case and cover
- Good deep discharge recovery performance
- Flat plate technology with advanced Nano Gel Silica
- Front terminal design with good heat emission performance and make the installation, maintenance and supervision easy
- Patented vent structure
- Safe and reliable explosion-proof vented system
- Specifically ideal for 19 inch or 23 inch power cabinets



#### APPLICABLE STANDARDS



- IEC 60896 — 2004
- BS EN 61427 — 2002
- YD/T 1360 — 2005
- GB/T 22473 — 2008



ISO9001:2008  
ISO14001:2004  
GB/T28001:2001

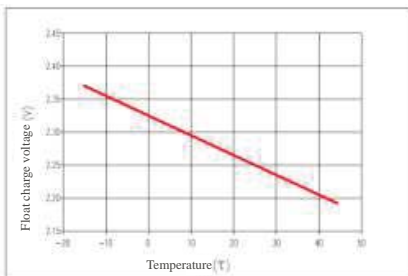


## GENERAL SPECIFICATIONS

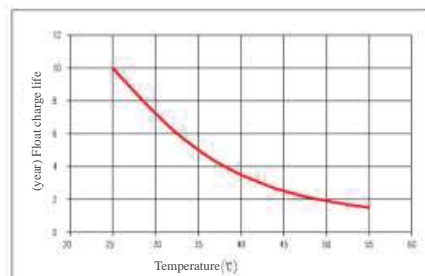
Item	Model	Nominal Voltage (V)	Rated Capacity (Ah)			Approx Dimension (mm)			Approx Weight (kg)
			C10	C3	C1	L	W	TH	
1	6-GFMF-40J	12	40	30	22	274	105	220	13.0
2	6-GFMF-50J	12	50	37.6	27.5	390	107	200	18.5
3	6-GFMF-92J	12	92	69	50.6	396	111	285	29.5
4	6-GFMF-100BJ	12	100	75	55	396	111	285	33.0
5	6-GFMF-100AJ	12	100	75	55	520	107	263	33.0
6	6-GFMF-120J	12	120	90	66	520	107	263	39.5
7	6-GFMF-150J	12	150	112.5	82.5	558	125	283	48.0
8	6-GFMF-165J	12	165	123.75	90.75	528	125	318	53.0

## PERFORMANCE CHARACTERISTICS

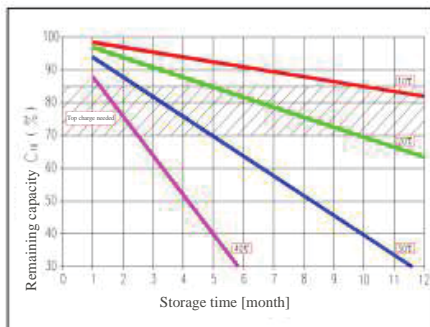
Temperature effects in relation to float charge voltage



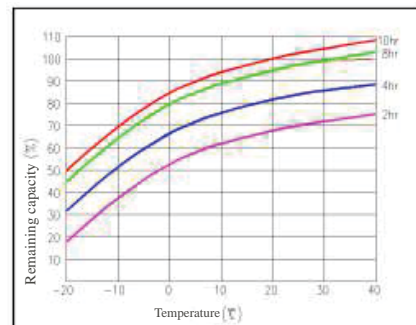
Effect of temperature on float charge life



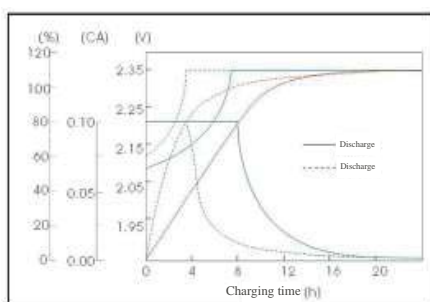
Self discharge characteristics



Temperature effects in relation to capacity



Constant voltage charge characteristics



Discharge characteristics

