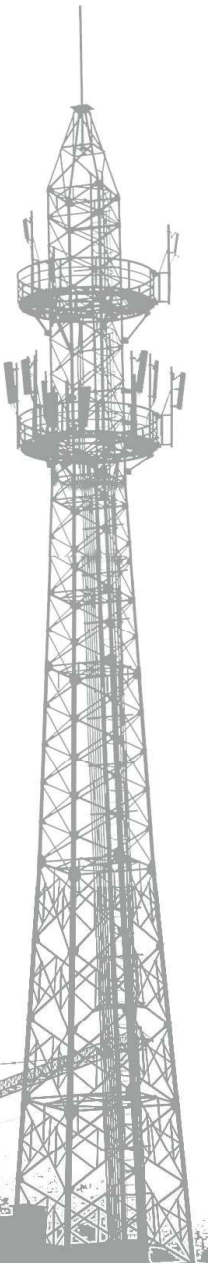


GFMJ-150

GFMJ Series VRLA Gel Battery

ALLGRAND®

Power the World



Applications

- Data/Computing Center, UPS, EPS
- Standby Power for Telecom and Mobile Systems
- Standby Power for Signaling Systems of Railway, Airport, and etc.
- Standby Power for Electrical Utilities and Nuclear Reactors

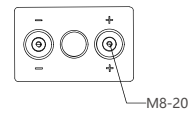
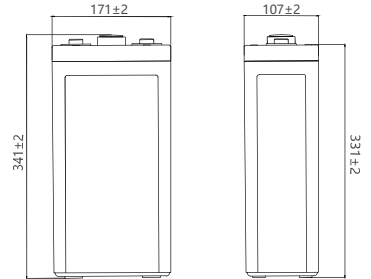
Highlights

- Long life design(up to 15 years)
- Reliably sealed
- High specific energy, low IR & self discharge
- Higher reaction efficiency and conformity

Features

- Float charging life prolonged by our proprietary corrosion resistant alloy;
- High-purity electrolytes and special agents reduce water loss;
- Impacts from earthquakes are reduced by compact seismic ABS jars and covers;
- Delicate seal technologies protect the battery from electrolyte leakage and creepage ;
- The delicate construction of self-relief valves can avoid bulges and cracks.
- Easy installation and maintenance are provided by round copper core terminals

Dimensions



Certifications



Specifications

Model	GFMJ-150	
Design Life	15 years	
Nominal Capacity	10HR(16.5A,1.80V)	150Ah
	3HR(37.5A,1.80V)	112.5Ah
	1HR(75A,1.80V)	75Ah
Internal Resistance	0.93mΩ(Full Charge)	
Self Discharge	≤3% per month	
Charge Voltage	Cycle Use	Standby Use
	2.33-2.37V/Cell (-4mV/°C/Cell) Max. Charge Current:22.5A	2.21-2.25V/Cell (-3mV/°C/Cell))

Note: Data contained herein are measured at 25°C

GFMJ-150

GFMJ Series VRLA Gel Battery



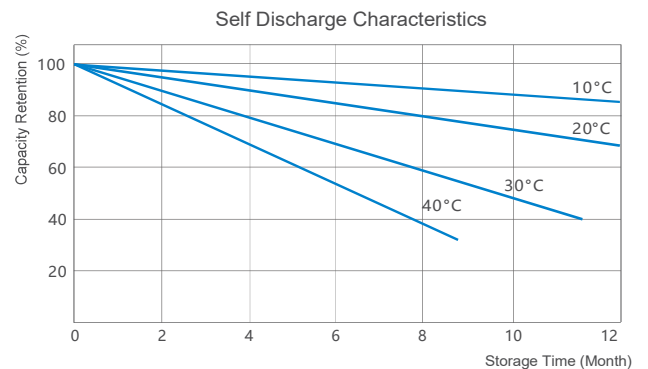
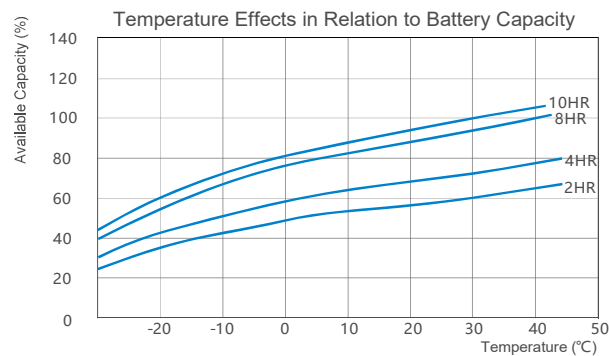
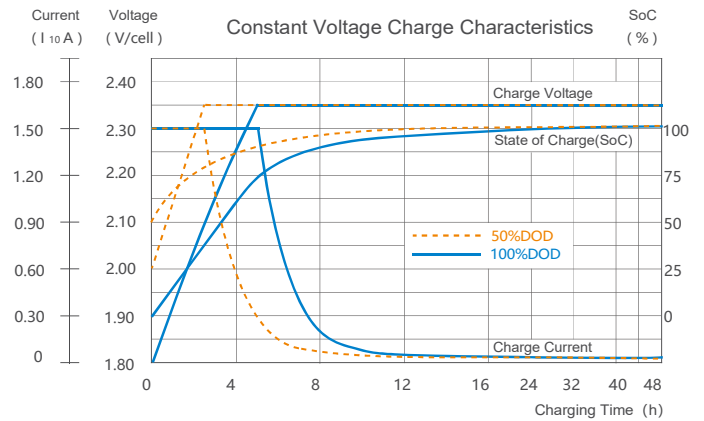
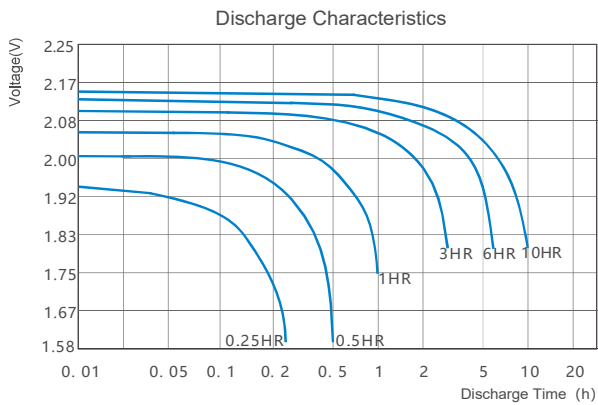
Constant Current Discharge Rate (A, 25°C)

Model	F.V. (V/Cell)	Minute						Hour									
		5	10	15	20	30	45	1	2	3	4	5	6	8	10	20	
GFMJ-150	1.85	150	132	114	106	93.6	79.7	70.9	46.9	36.6	28.8	25.9	23.5	18.7	14.3	8.2	
	1.80	165	153	141	129	108	89.6	78.1	50.8	38.8	31.3	26.7	24.4	19.8	15.2	8.6	
	1.75	199	174	159	147	122	98.0	81.7	52.4	39.8	32.2	27.0	24.8	20.2	15.7	8.7	
	1.70	222	199	175	159	133	102	83.2	52.9	40.1	32.6	27.1	24.9	20.4	15.9	8.8	
	1.67	244	211	187	165	138	104	83.7	53.1	40.2	32.7	27.2	25.0	20.5	16.0	8.9	
	1.60	275	233	203	176	143	106	84.4	53.4	40.4	33.0	27.3	25.1	20.6	16.1	9.0	

Constant Power Discharge Rate (Watt/Cell, 25°C)

Model	F.V. (V/Cell)	Minute						Hour									
		5	10	15	20	30	45	1	2	3	4	5	6	8	10	20	
GFMJ-150	1.85	256	236	228	204	181	158	138	90.0	71.4	56.6	52.2	47.3	37.4	28.7	15.8	
	1.80	301	280	263	228	200	167	149	97.7	75.4	59.7	53.7	49.0	39.5	30.1	16.8	
	1.75	339	315	292	255	218	178	157	101	77.1	61.4	54.3	49.6	40.3	31.1	17.2	
	1.70	391	344	319	274	228	187	160	102	77.7	62.0	54.5	49.9	40.5	31.3	17.3	
	1.67	413	364	332	282	235	190	161	103	78.0	62.3	54.7	50.0	40.6	31.4	17.4	
	1.60	445	399	352	299	243	193	162	104	78.3	62.6	54.8	50.1	40.8	31.7	17.5	

Performance



Disclaimer: All data presented above are subject to change without further notice. Please contact ALLGRAND for latest updates.