

6-GFMJ-150

GFMJ Series VRLA Gel Battery

ALLGRAND®

Power the World



Applications

- ▣ Data/Computing Center, UPS, EPS
- ▣ Signaling Systems of Railway, Airport, and etc.
- ▣ Medical Equipment, Emergency Lights
- ▣ Beacon, Vessel
- ▣ Security, Automatic Control, Electronics

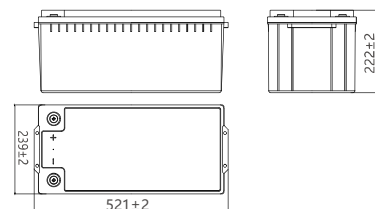
Highlights

- ▣ 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.

Dimensions



Certifications



Specifications

Model	6-GFMJ-150	
Design Life	15 years	
Nominal Capacity	10HR(15A,1.80V)	150Ah
	3HR(37.5A,1.80V)	112.5Ah
	1HR(75A,1.80V)	75Ah
Internal Resistance	4.9mΩ(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

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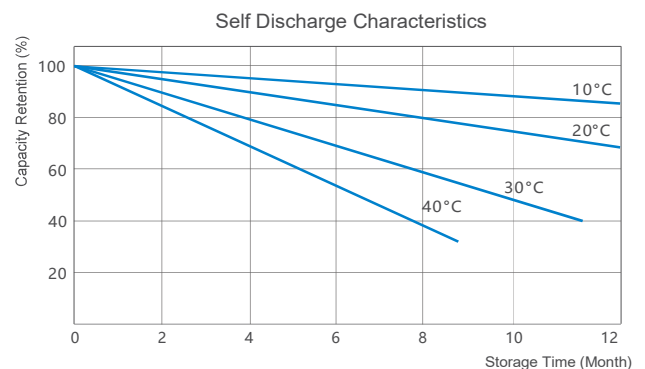
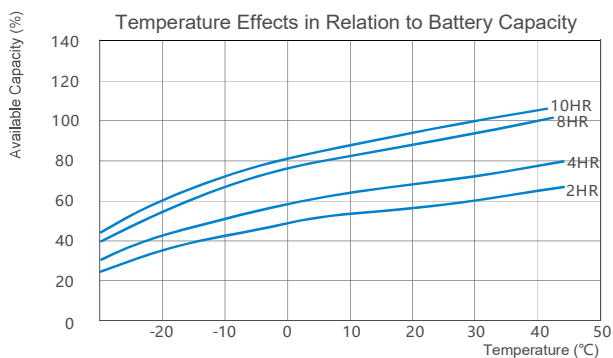
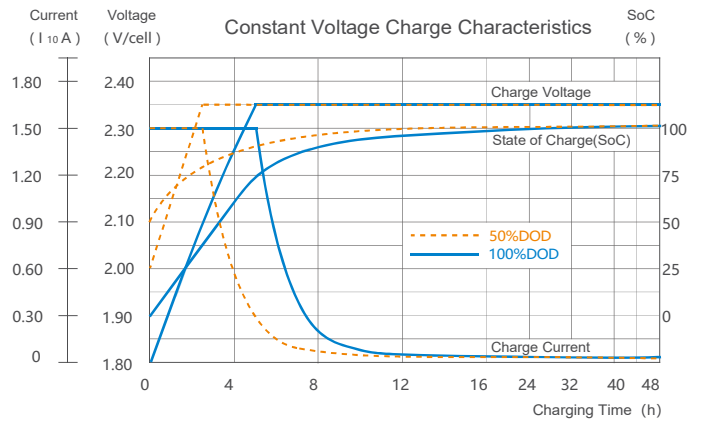
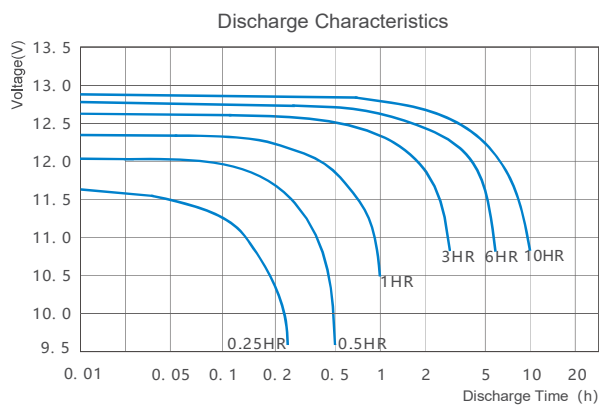
Constant Current Discharge Rate (A, 25°C)

Model	F.V. (V/Cell)	Minute						Hour									
		5	10	15	20	30	45	1	2	3	4	5	6	8	10	20	
6-GFMJ-150	1.85	291	238	196	168	125	93.6	81.8	50.2	37.2	30.1	25.3	22.3	17.9	14.8	7.85	
	1.80	342	267	223	192	133	97.7	84.1	51.3	37.9	30.8	26.0	22.7	18.3	15.2	8.01	
	1.75	374	284	234	201	140	102	87.2	52.4	38.8	31.3	26.5	23.2	18.5	15.4	8.12	
	1.70	403	302	248	211	145	105	89.9	53.8	39.6	31.9	27.0	23.6	18.9	15.6	8.21	
	1.67	422	318	264	221	150	109	92.1	54.9	40.4	32.6	27.6	24.1	19.1	15.7	8.31	
	1.60	439	336	276	229	157	112	94.1	56.1	41.5	33.2	28.2	24.5	19.4	15.8	8.43	

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	
6-GFMJ-150	1.85	450	357	316	286	217	180	158	101	77.7	61.2	51.8	45.8	37.1	30.2	15.9	
	1.80	519	394	341	304	231	187	162	105	80.4	62.9	53.1	46.8	37.9	30.7	16.2	
	1.75	550	412	353	315	240	194	168	107	81.7	64.2	54.0	47.5	38.4	31.2	16.4	
	1.70	576	434	370	329	249	201	172	109	83.3	65.3	54.2	48.1	39.0	31.7	16.7	
	1.67	598	457	385	341	257	206	176	111	84.9	66.3	54.3	48.8	39.5	32.1	16.9	
	1.60	624	480	404	354	267	210	179	113	86.6	66.7	54.5	49.6	39.7	32.3	17.2	

Performance



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