

6-GFMJ-65

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

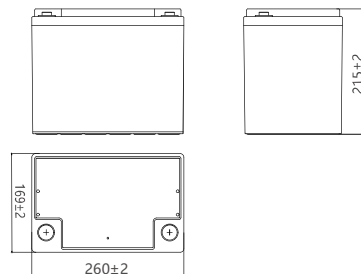
Highlights

- ▣ 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-65	
Design Life	15 years	
Nominal Capacity	10HR(6.5A,1.80V)	65Ah
	3HR(16.25A,1.80V)	48.75Ah
	1HR(32.5A,1.80V)	32.5Ah
Internal Resistance	8.8mΩ(Full Charge)	
Self Discharge	≤3% per month	
Charge Voltage	Cycle Use	Standby Use
	2.33-2.37V/Cell (-4mV/°C/Cell) Max. Charge Current:9.75A	2.21-2.25V/Cell (-3mV/°C/Cell)

Note: Data contained herein are measured at 25°C

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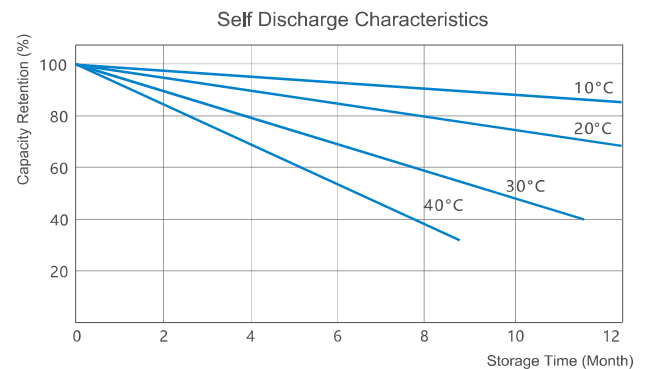
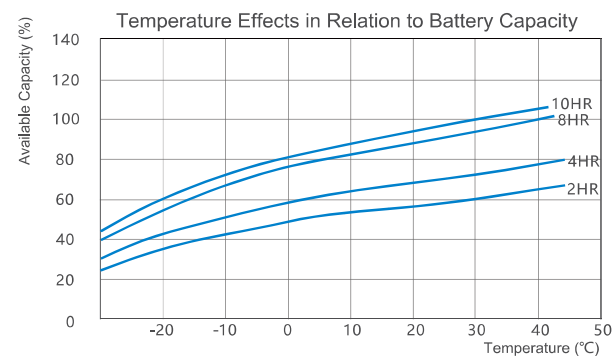
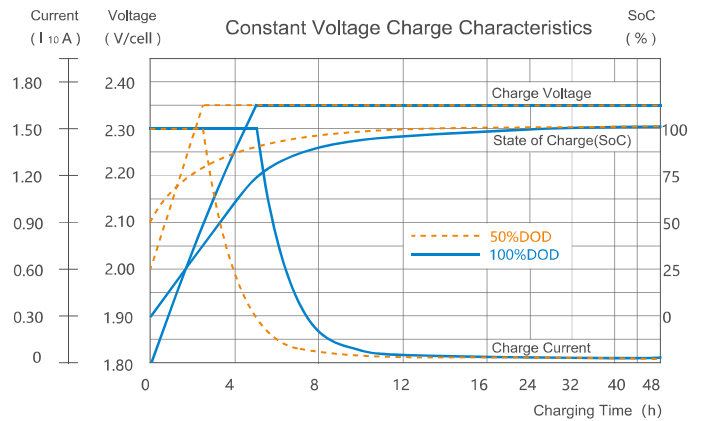
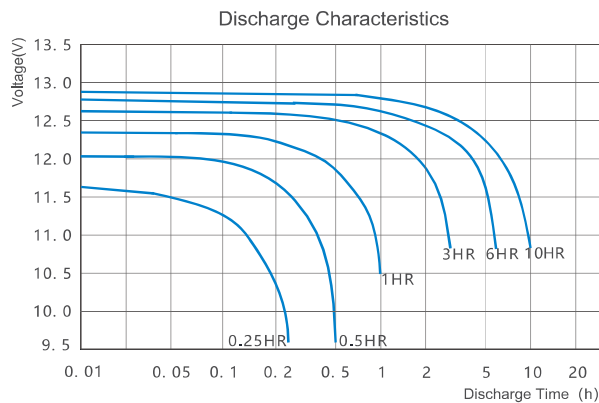
Constant Current Discharge Rate (A, 25°C)

Model	F.V. (V/Cell)	Minute						Hour								
		5	10	15	20	30	45	1	2	3	4	5	6	8	10	20
6-GFMJ-65	1.85	136	108	89.7	76.5	61.9	43.9	35.5	21.3	16.1	12.8	10.8	9.4	7.62	6.48	3.40
	1.80	156	126	103	86.3	65.9	45.4	36.5	22.0	16.5	13.1	11.1	9.7	7.79	6.62	3.47
	1.75	169	133	109	91.1	67.9	46.8	37.8	22.7	16.9	13.4	11.4	9.8	7.93	6.70	3.51
	1.70	186	143	116	96.2	70.0	48.3	38.9	23.3	17.4	13.8	11.7	10.1	8.04	6.78	3.56
	1.67	194	154	124	100	72.2	49.7	39.9	23.8	17.9	14.3	12.0	10.3	8.14	6.85	3.60
	1.60	204	163	131	102	74.4	51.3	40.8	24.3	18.4	14.6	12.3	10.5	8.27	6.91	3.63

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-65	1.85	191	161	137	124	109	82.1	68.5	42.1	31.3	25.3	22.3	19.3	15.3	13.0	7.65
	1.80	220	178	148	131	116	85.3	70.2	43.7	32.4	26.0	22.8	19.7	15.6	13.2	7.73
	1.75	235	192	157	138	121	88.7	72.5	44.5	33.0	26.5	23.3	20.0	15.8	13.3	7.74
	1.70	245	205	165	144	125	92.5	74.5	45.6	33.6	26.9	23.4	20.3	16.0	13.4	7.85
	1.67	253	215	173	152	130	95.5	76.2	46.4	34.1	27.3	23.5	20.5	16.2	13.5	7.87
	1.60	264	223	179	156	134	98.4	77.4	47.1	34.6	27.8	23.6	20.8	16.3	13.6	7.95

Performance



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

www.allgrand.com



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