

6-GFMJ-33

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

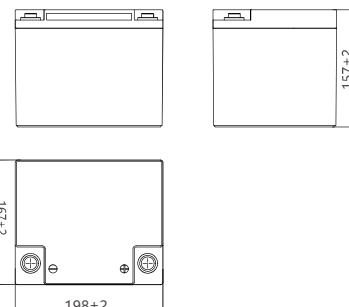
Highlights

- 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-33	
Design Life	15 years	
Nominal Capacity	10HR(3.30A,1.80V)	33Ah
	3HR(8.25A,1.80V)	24.75Ah
	1HR(16.5A,1.80V)	16.5Ah
Internal Resistance	12.9mΩ(Full Charge)	
Self Discharge	≤3% per month	
Charge Voltage	Cycle Use	Standby Use
	2.33-2.37V/Cell (-4mV/°C/Cell) Max. Charge Current:4.95A	2.21-2.25V/Cell (-3mV/°C/Cell))

Note: Data contained herein are measured at 25°C

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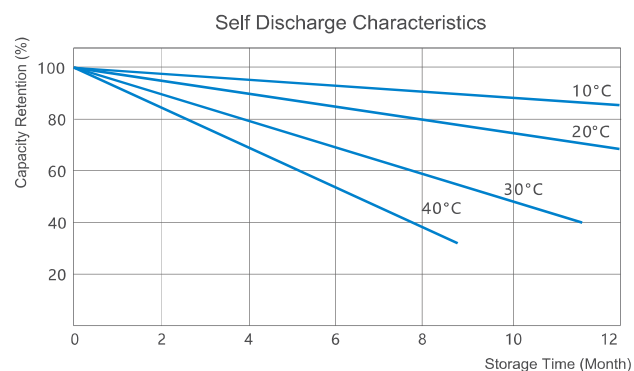
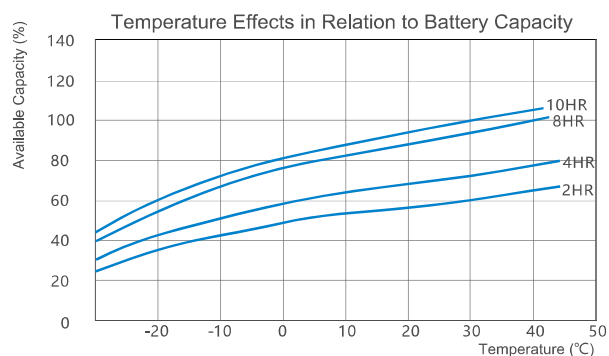
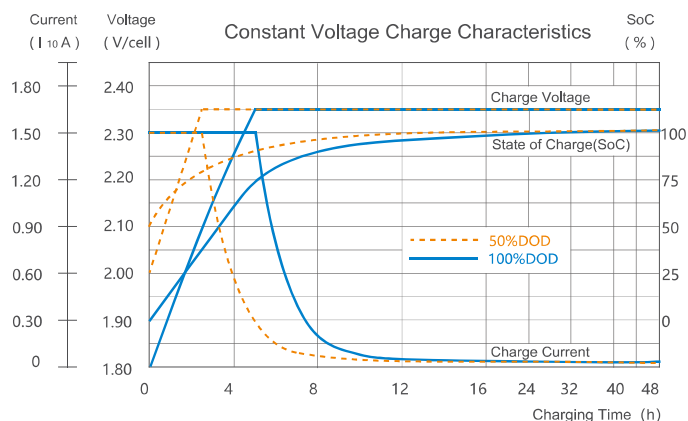
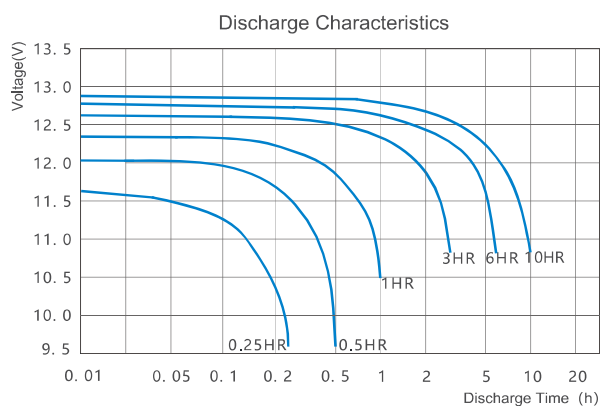
Constant Current Discharge Rate (A, 25°C)

Model	F.V. (V/Cell)	Minute						Hour									
		5	10	15	20	30	45	1	2	3	4	5	6	8	10	20	
6-GFMJ-33	1.85	70.9	55.0	47.3	42.7	33.2	25.7	18.2	11.2	8.58	6.63	5.60	4.86	3.85	3.28	1.70	
	1.80	83.9	66.1	52.1	46.1	36.2	26.9	18.9	11.5	8.75	6.79	5.74	4.96	3.92	3.41	1.73	
	1.75	91.6	74.8	58.4	48.5	38.1	28.0	19.6	11.7	8.83	6.87	5.80	5.00	4.00	3.46	1.76	
	1.70	95.0	78.1	62.7	50.2	39.0	28.4	20.1	11.8	9.00	7.02	5.95	5.13	4.07	3.56	1.78	
	1.67	98.4	81.5	64.6	51.0	39.3	28.6	20.5	12.1	9.33	7.25	7.03	5.23	4.14	3.61	1.81	
	1.60	104	87.8	67.5	51.8	39.7	28.7	20.8	12.3	9.50	7.42	7.22	5.34	4.20	3.63	1.82	

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-33	1.85	123	101	83.4	75.6	61.0	48.2	35.3	22.1	17.0	13.2	11.4	9.9	7.64	6.63	3.81	
	1.80	138	113	91.3	82.6	65.1	50.2	35.8	22.3	17.2	13.3	11.6	10.0	7.92	6.71	3.85	
	1.75	147	124	97.6	87.4	67.9	51.0	36.3	22.5	17.2	13.5	11.8	10.2	8.00	6.80	3.92	
	1.70	153	131	103	90.6	69.7	51.7	37.0	22.9	17.5	13.6	11.9	10.3	8.11	7.02	3.95	
	1.67	158	135	105	92.0	70.4	52.1	38.1	23.4	17.7	13.9	11.9	10.4	8.21	7.07	3.97	
	1.60	165	140	108	93.4	70.9	52.6	39.3	23.9	17.9	14.1	12.1	10.6	8.28	7.11	3.98	

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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