

6-GFMZ-150

Stationary Front Terminal Batteries



Applications

- Data Center, UPS, EPS
- Base Stations and Networking Centers
- Outdoor E&E Integration Cabinets
- Cloud Computing Centers, Emergency Centers
- Medical Equipment, Emergency Lights

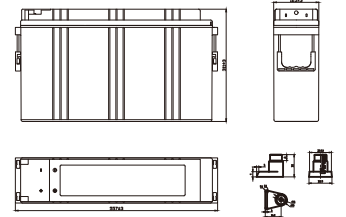
Highlights

- Long design life (up to 10 years)
- Ease of installation with front terminals
- High specific energy, low IR & self discharge
- Higher reaction efficiency and deep-cycle performance

Features

- Cycle life is prolonged by our proprietary corrosion resistant alloy;
- A greater ability to deliver large currents is provided by the radial grids.
- Deep-cycle performance is enhanced by our proprietary paste recipes and curing process
- Long and narrow high-strength jars and covers can reduce impacts from earthquakes and prevent the battery from damaging due to high temperatures;

Dimensions



L : 551mm W : 110mm
H : 288mm TH : 288mm

Certifications



Specifications

Model	6-GFMZ-150	
Design Life	10 years	
Nominal Capacity	20HR(8.1A,1.80V)	162Ah
	10HR(15A,1.80V)	150Ah
	3HR(40.5A,1.80V)	121.5Ah
	1HR(82.5A,1.80V)	82.5Ah
Internal Resistance	5.2mΩ(Full Charge)	
Self Discharge	≤3% per month	
Charge Voltage	Cycle Use	Standby Use
	2.35V/Cell (-4mV/°C/Cell) Max. Charge Current:22.5A	2.25V/Cell (-3mV/°C/Cell)

Note: Data contained herein are measured at 25°C

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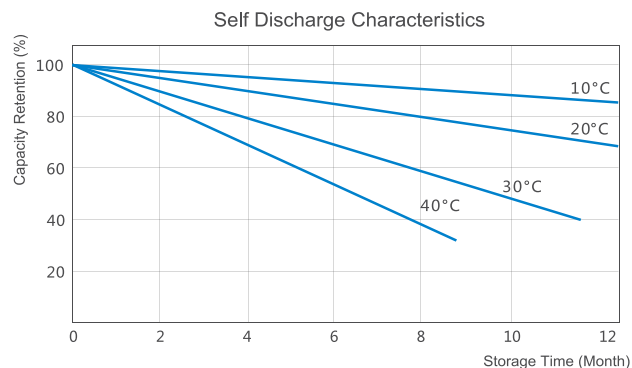
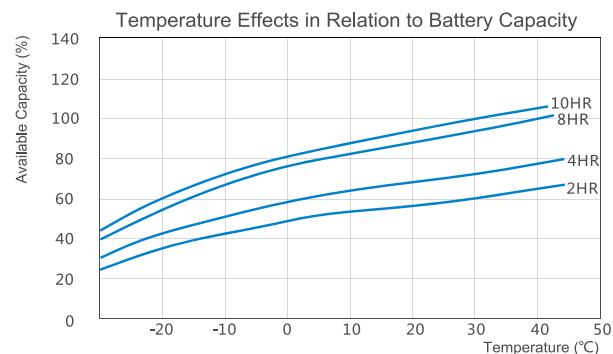
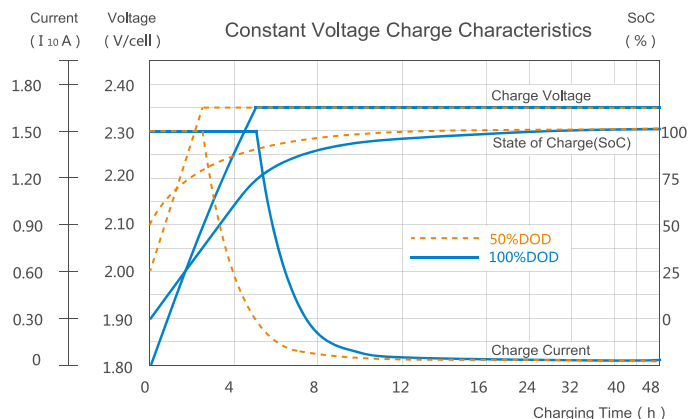
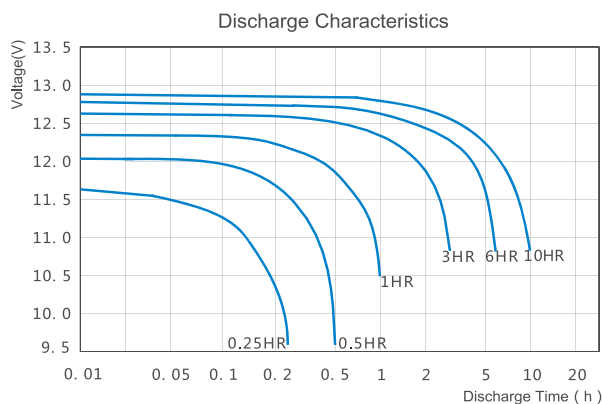
Constant Current Discharge Rate (A, 25°C)

Model	F.V. (V/Cell)	Minute						Hour								
		5	10	15	20	30	45	1	2	3	4	5	6	8	10	20
6-GFMZ-150	1.85	282	230	194	173	138	110	91.1	56.7	39.4	31.3	26.1	22.9	18.3	14.8	8.13
	1.80	331	262	221	187	151	117	96.3	59.8	41.1	32.3	27.0	23.9	18.6	15.2	8.50
	1.75	366	294	239	202	158	121	99	61.3	41.9	32.9	27.5	24.3	19.0	15.4	8.65
	1.70	391	320	253	216	162	123	101	62.2	42.3	33.1	27.7	24.6	19.1	15.6	8.74
	1.67	408	331	260	219	164	124	102	62.7	42.6	33.4	27.8	24.7	19.2	15.7	8.77
	1.60	426	351	271	224	167	125	103	63.3	43.0	33.6	28.1	24.8	19.4	15.8	8.83

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-GFMZ-150	1.85	569	467	413	353	271	207	172	105	77.9	60.9	51.0	44.8	36.1	30.1	16.5
	1.80	660	513	445	377	285	216	177	108	80.5	62.4	52.2	45.7	36.9	30.5	16.8
	1.75	706	551	466	395	298	224	182	111	82.0	63.7	53.2	46.5	37.4	30.9	16.9
	1.70	745	574	485	409	310	228	186	114	83.6	64.7	53.8	47.1	37.8	31.2	17.1
	1.67	764	584	492	417	319	233	188	116	84.9	65.6	54.6	47.6	38.1	31.3	17.3
	1.60	801	605	508	430	327	236	189	117	85.8	66.2	54.9	48.0	38.5	31.5	17.4

Performance



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