



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 8 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



L : 521mm
W : 272mm
H : 219mm
TH : 226mm

Certifications



Specifications

Model	6-GFM-250	
Design Life	8 years	
Nominal Capacity	20HR(13.5A,1.80V)	270Ah
	10HR(25A,1.80V)	250Ah
	3HR(67.5A,1.80V)	202.5Ah
	1HR(137.5A,1.80V)	137.5Ah
Internal Resistance	2.5mΩ(Full Charge)	
Self Discharge	≤3% per month	
Charge Voltage	Cycle Use	Standby Use
	2.35V/Cell (-4mV/°C/Cell) Max. Charge Current:37.5A	2.25V/Cell (-3mV/°C/Cell)

Note: Data contained herein are measured at 25°C

V1120200501CH



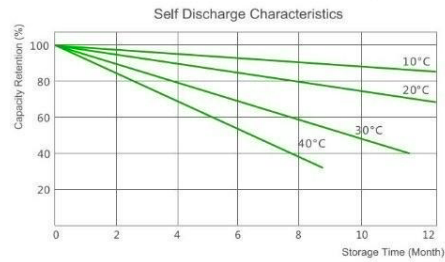
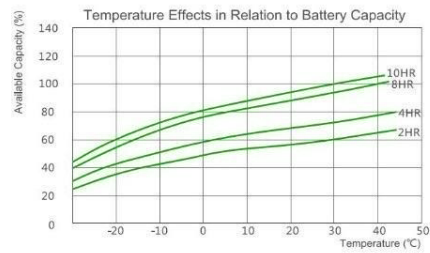
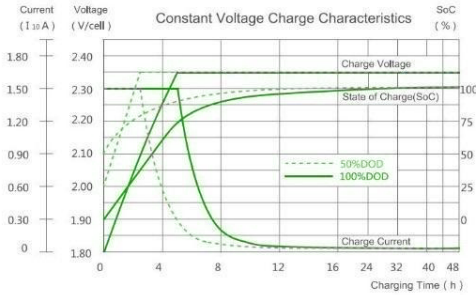
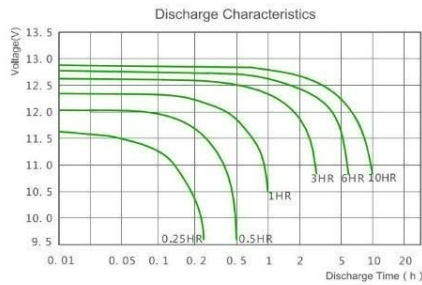
Constant Current Discharge Rate (A, 25°C)

Model	F.V. (V/Cell)	Minute						Hour								
		5	10	15	20	30	45	1	2	3	4	5	6	8	10	20
6-GFM-250	1.85	396	371	331	284	212	160	136	87.4	63.9	50.3	42.3	37.3	30.1	24.7	13.1
	1.80	473	416	362	304	225	165	140	90.8	66.3	51.7	43.3	38.2	30.7	25.3	13.4
	1.75	511	440	379	320	236	172	145	93.6	67.9	52.9	44.2	38.9	31.4	25.7	13.5
	1.70	549	465	396	334	246	180	150	96.0	69.3	53.9	45.0	39.6	31.8	25.9	13.6
	1.67	570	477	402	342	256	184	155	98.0	70.5	54.8	45.7	40.1	32.1	26.1	13.7
	1.60	608	501	419	356	264	189	157	99.7	71.6	55.7	46.4	40.5	32.3	26.3	13.9

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-GFM-250	1.85	747	669	594	526	407	305	264	173	126	100	84.2	74.3	60.3	50.0	26.3
	1.80	867	739	650	575	430	317	271	179	130	102	86.1	75.9	61.4	50.8	26.8
	1.75	927	809	688	601	448	330	279	184	132	104	87.6	77.1	62.3	51.3	27.1
	1.70	978	847	722	624	467	340	287	188	135	106	88.9	78.1	62.9	51.8	27.3
	1.67	1003	861	742	635	481	348	293	191	138	108	89.9	78.9	63.5	52.1	27.4
	1.60	1053	893	772	655	492	356	298	193	139	109	90.7	79.5	63.9	52.4	27.6

Performance



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