

Model: 6-GFM-200Ah

Specification

Nominal Voltage	12V	
Capacity(10HR,25℃)	200Ah	
Designed Life	10Years	
Dimension	Length	522mm
	Width	240mm
	Height	218mm
	Total Height	243mm
Reference Weight	59kg	

AGM Series 12V200AH

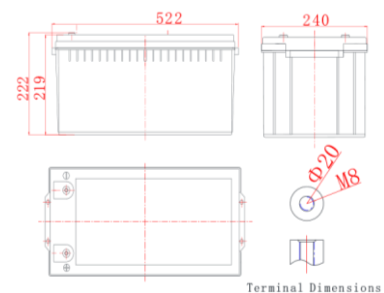


Charateristics

Rated capacity	10 hr rate	200Ah
	3 hr rate	161Ah
	1 hr rate	131Ah
Inner Resistance(fully charged 25℃)	3.0mΩ	
Self-discharge (at 25℃.)	3% of the capacity per month	
Discharge Temperature	-20~50℃	
Charge Temperature	-20~50℃	
Storage Temperature	-20~50℃	
Cyclic charging voltage (at 25℃)	14.4~15.0V	
initinal current (at 25℃)	50A	
Temperature Compensation	-30mV/℃	
Float Use (at 25℃)	13.5-13.8V	
Temperature Compensation (at 25℃)	-20mV/℃	

Applications

1. UPS/EPS
2. Power Systems
3. Telecommunications system
4. Emergency lighting、 Auto control system
5. Solar/wind generating storage cyclic
6. Other general purpose



Constant-current discharge parameter Unit: A (25℃)

End Point Vol./Cell	5MIN	15MIN	30MIN	1h	2h	3h	5h	8h	10h	20h
1.60V	705	379	230	135	77.2	56.1	37.6	24.7	20.8	10.9
1.65V	683	367	226	134	76.8	55.5	37.2	24.5	20.6	10.9
1.70V	656	359	222	133	76.2	54.7	36.8	24.3	20.4	10.8
1.75V	603	348	221	131	75.1	54.1	36.5	24.1	20.2	10.8
1.80V	541	324	211	128	73.7	53.7	35.5	23.9	20	10.7
1.85V	482	289	192	118	70	50.6	33.7	22.9	19.4	10.5

Constant-current discharge parameter Unit: W (25℃)

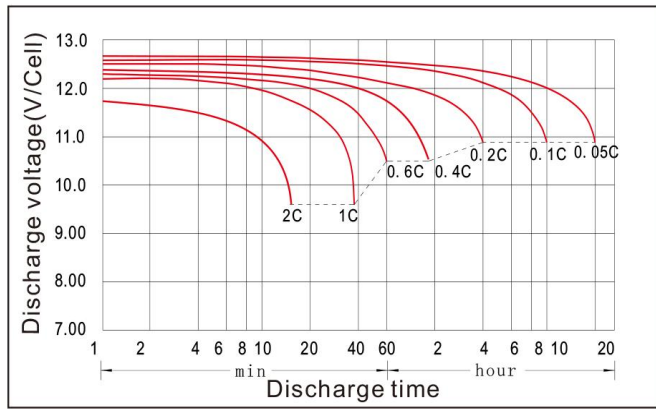
End Point Vol./Cell	5MIN	15MIN	30MIN	1h	2h	3h	5h	8h	10h	20h
1.60V	1181	667	417	255	146	107	71.3	48	40	21.6
1.65V	1136	655	413	253	146	105	71	47.6	39.6	21.5
1.70V	1131	647	413	251	145	105	70.4	47.4	39.2	21.4
1.75V	1054	643	411	249	144	104	70	47	38.8	21.3
1.80V	968	608	401	247	144	104	69.2	46.6	38.4	21.2
1.85V	865	544	368	229	137	98.6	66.1	45.1	37.8	21



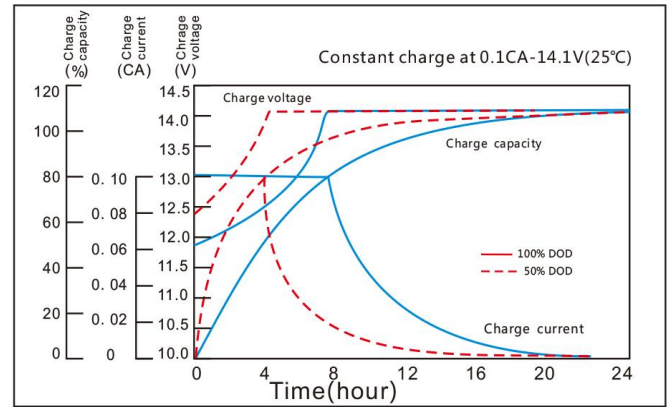
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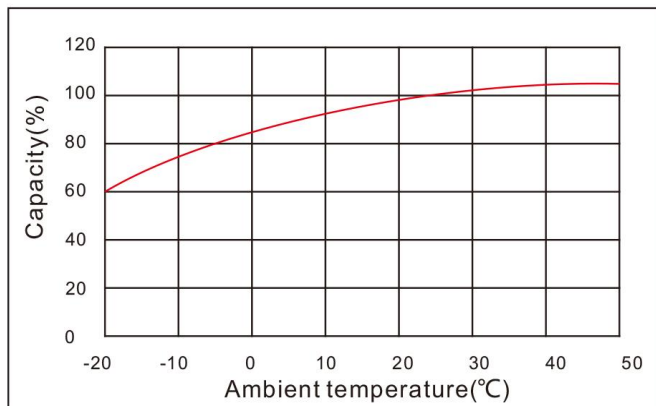
Discharge characteristic



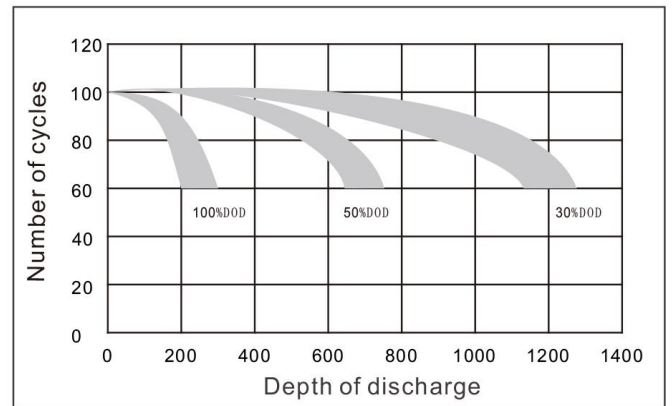
Charging characteristic



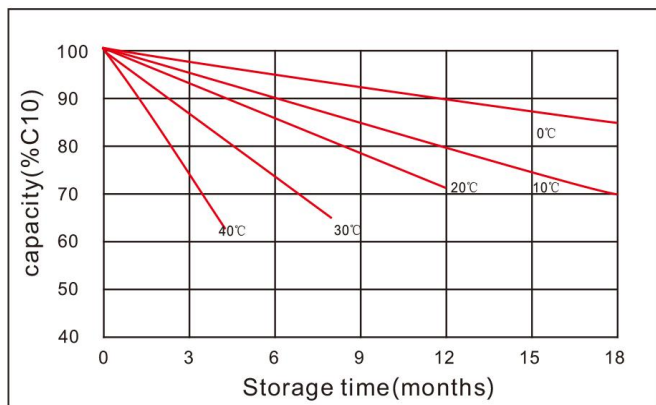
The effect of temperature on capacity



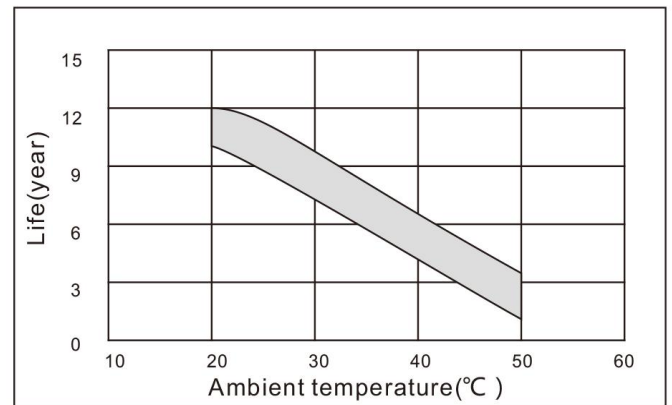
The impact of discharge depth on capacity



Curves of self-discharge



The effect of temperature on float life



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