

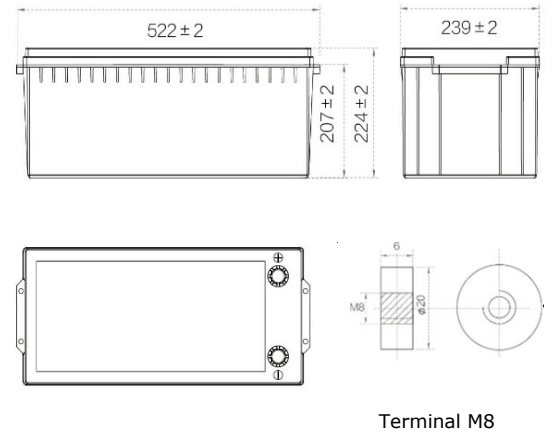
GEL SERIES 6GFMJ200(12V200AH/10HR)

Specifications

Nominal Voltage	12V	
Nominal Capacity(10hr)	200AH	
Dimension	Length	522±2mm(20.55inch)
	Width	239±2mm(9.41inch)
	Height	207±2mm(8.15inch)
	Total Height	224±2mm(8.82inch)
Approx Weight	Approx. 58.0kg(+ -4%)	
Terminal Type	M8	
container Material	ABS(UL-94HB)	
Internal Resistance	Approx.3.0mΩ	
Rated Capacity	204.0AH	(20hr, 1.75V/cell,25°C/77°F)
	200.0AH	(10hr, 1.75V/cell,25°C/77°F)
	189.0AH	(5hr, 1.75V/cell,25°C/77°F)
	175.8AH	(3hr, 1.75V/cell,25°C/77°F)
	121.0AH	(1hr, 1.75V/cell,25°C/77°F)
Max. Discharge Current	2000A(5S)	
Nominal Operating Temp. Range	25±3°C (77±5°F)	
Cycle Use	Charge Current Less Than 0.25CA	
	14.1V~14.7V@25°C(77°F)Temp. Coefficient -30mV/°C	
Floating Use	13.5V~13.8V@25°C(77°F)Temp. Coefficient -20mV/°C	
Capacity affected by Temperature	40°C	103%
	25°C	100%
	0°C	86%
	-15°C	65%
Self-discharge	3 month	Remaining capacity: 91%
	6 month	Remaining capacity:82%
	12month	Remaining capacity:65%



Dimensions

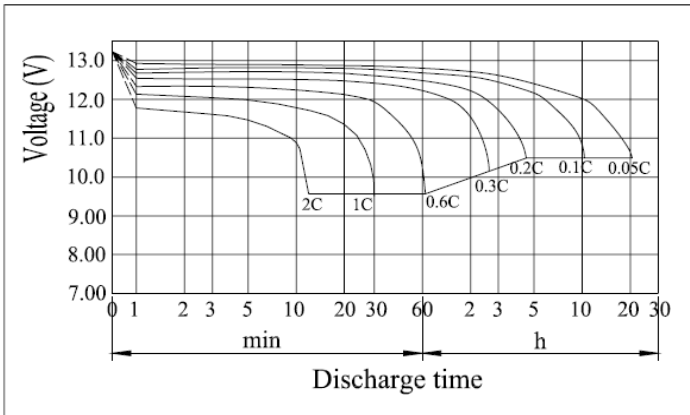


Constant Power Discharge at 25°C(77°F)												
F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	6h	10h	20h
1.80V/cell	782	657	649	400	214	142	104	80,5	69,3	59,4	20,1	20,5
1.75V/cell	865	742	672	411	232	145	106	82,3	70,5	60,5	20,2	20,6
1.70V/cell	953	791	706	418	244	148	108	83,5	71,4	61,5	20,3	21,1
1.67V/cell	970	846	711	430	249	150	110	85,5	71,7	62,2	20,4	21,3
1.60V/cell	994	866	716	443	252	154	111	87,7	71,9	62,7	20,5	21,4

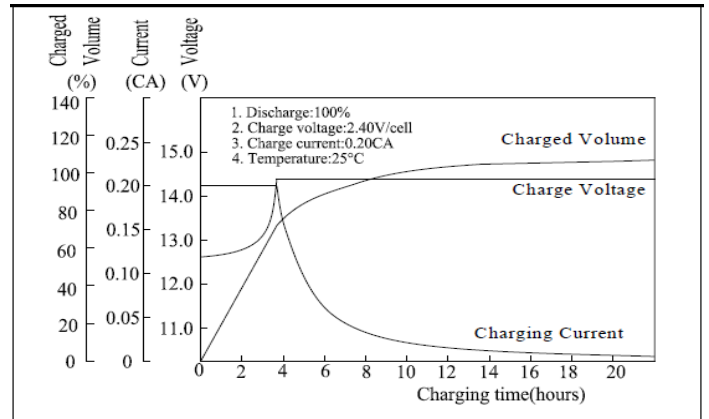
Constant Current Discharge at 25°C(77°F)												
F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	6h	10h	20h
1.80V/cell	507	428	337	210	119	80,5	58,1	44,5	36,2	28,9	10,0	10,1
1.75V/cell	555	433	346	218	121	82,5	58,6	45,3	37,8	29,1	10,0	10,2
1.70V/cell	577	440	358	222	125	84,5	59,5	46,4	38,5	29,6	10,0	10,2
1.67V/cell	644	467	363	227	130	86,4	59,8	46,9	39,3	29,8	10,1	10,2
1.60V/cell	650	472	368	231	135	88,4	60,4	47,6	40,1	31,1	10,1	10,2

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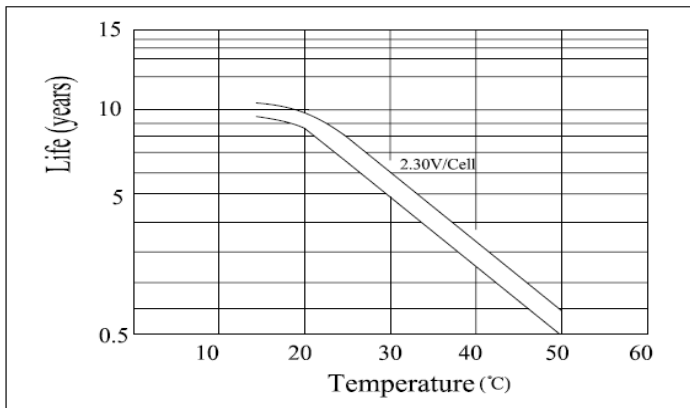
Discharge Characteristics



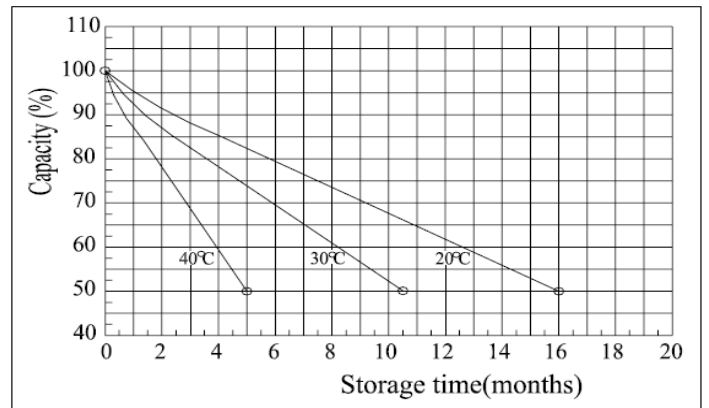
Float Charging Characteristics



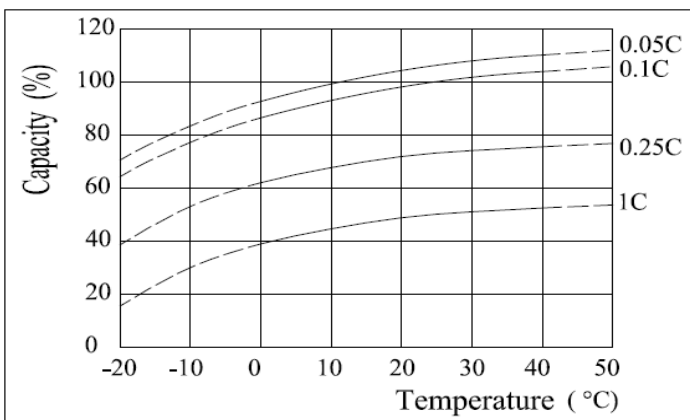
Floating Life on Temperature



Self Discharge Characteristics (25°C(77°F))



Temperature Effects in Relation to Battery Capacity



Cycle Life Relation to Depth of Discharge

