

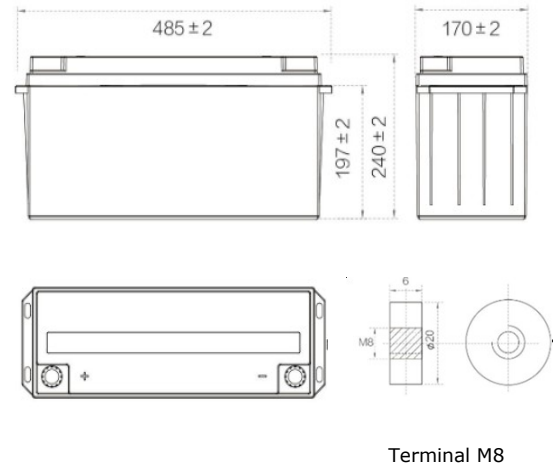
GEL SERIES 6GFMJ150(12V150AH/10HR)

Specifications

Nominal Voltage	12V	
Nominal Capacity(10hr)	150AH	
Dimension	Length	485±2mm(19.09inch)
	Width	170±2mm(6.69inch)
	Height	197±2mm(7.76inch)
	Total Height	240±2mm(9.45inch)
Approx Weight	Approx. 42.5kg(+ -3%)	
Terminal Type	M8	
container Material	ABS(UL-94HB)	
Internal Resistance	Approx.5.5Ω	
Rated Capacity	160AH	(20hr, 1.75V/cell,25°C/77°F)
	150AH	(10hr, 1.75V/cell,25°C/77°F)
	125AH	(5hr, 1.75V/cell,25°C/77°F)
	117AH	(3hr, 1.75V/cell,25°C/77°F)
	90AH	(1hr, 1.75V/cell,25°C/77°F)
Max. Discharge Current	1300A(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



Terminal M8

Constant Power Discharge at 25°C(77°F)

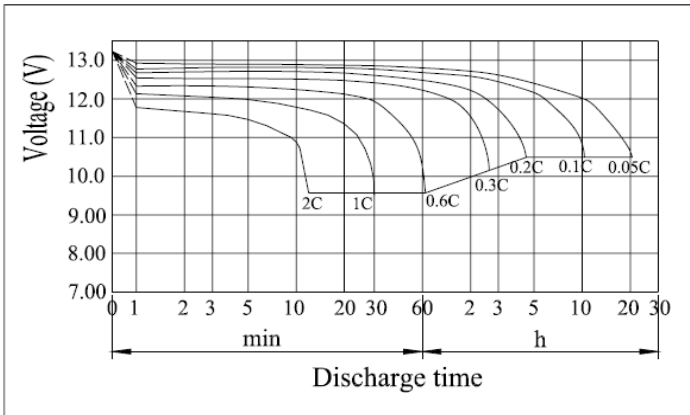
F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	6h	10h	20h
1.80V/cell	726	646	443	292	182	106	76,5	54,3	50,9	46,5	28,7	15,8
1.75V/cell	791	664	468	299	183	106	76,5	55,5	51,5	47,0	29,0	15,9
1.70V/cell	848	683	471	300	185	107	77,3	56,5	51,8	47,3	29,3	16,0
1.67V/cell	852	694	477	300	186	107	77,3	57,1	52,1	47,7	29,6	16,1
1.60V/cell	886	717	485	303	188	107	78,0	58,0	52,4	47,9	29,9	16,1

Constant Current Discharge at 25°C(77°F)

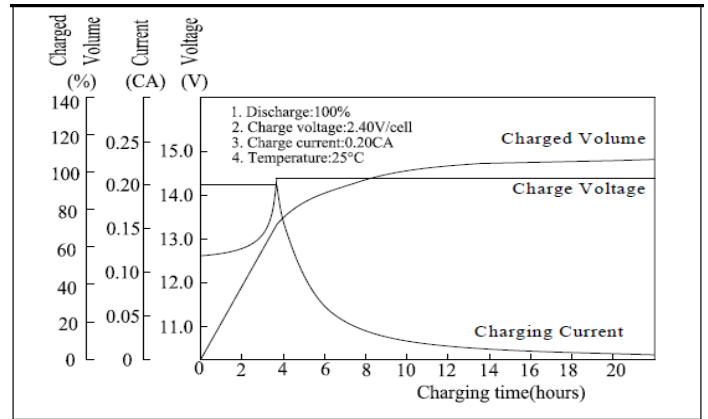
F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	6h	10h	20h
1.80V/cell	406	333	236	154	94	56,6	39,5	28,4	26,1	23,9	15,0	8,0
1.75V/cell	452	351	253	161	96	55,2	39,8	28,8	26,8	24,5	15,1	8,0
1.70V/cell	492	369	261	162	98	56,0	40,2	29,3	27,1	24,8	15,2	8,0
1.67V/cell	512	389	267	165	98	56,5	40,8	29,5	27,4	25,0	15,4	8,1
1.60V/cell	529	405	275	167	99	56,8	26,2	30,0	27,7	25,3	15,5	8,2

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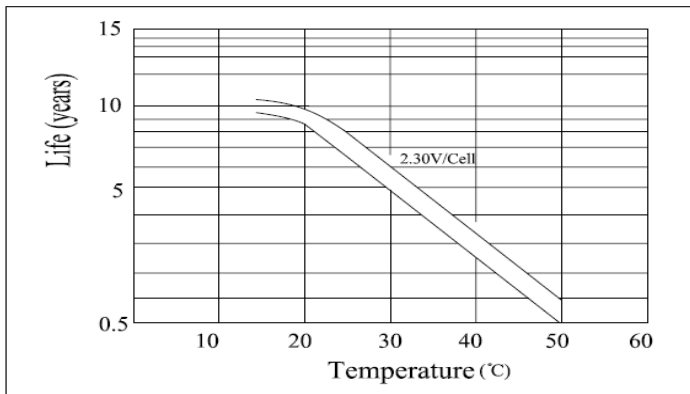
Discharge Characteristics



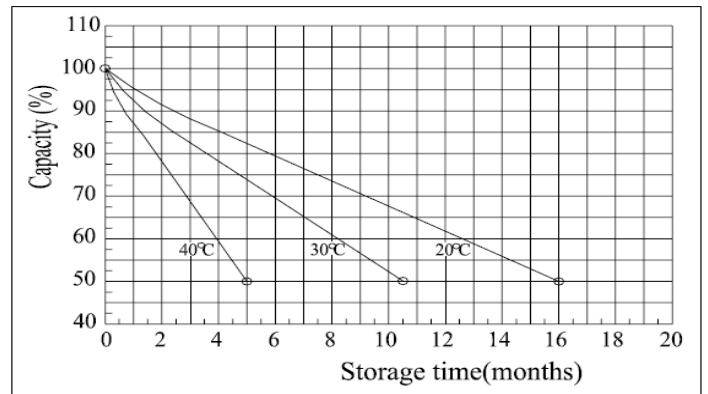
Charging Characteristics



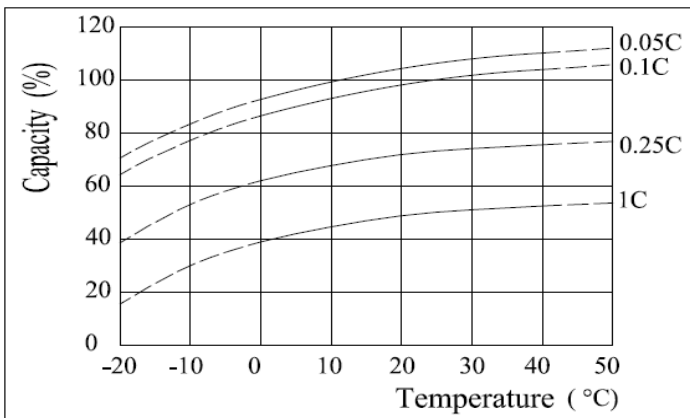
Floating Life on Temperature



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



Temperature Effects in Relation to Battery Capacity



Cycle Life Relation to Depth of Discharge

