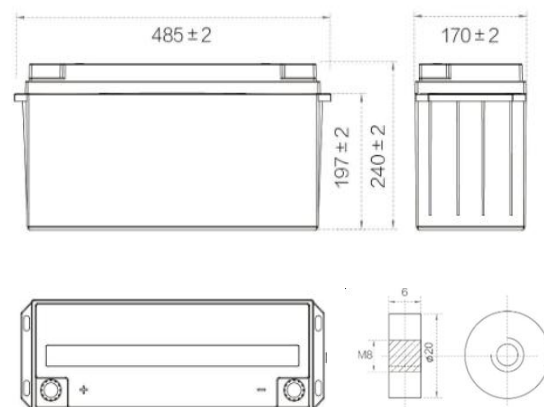


Specifications

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. 42.0kg(+/-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

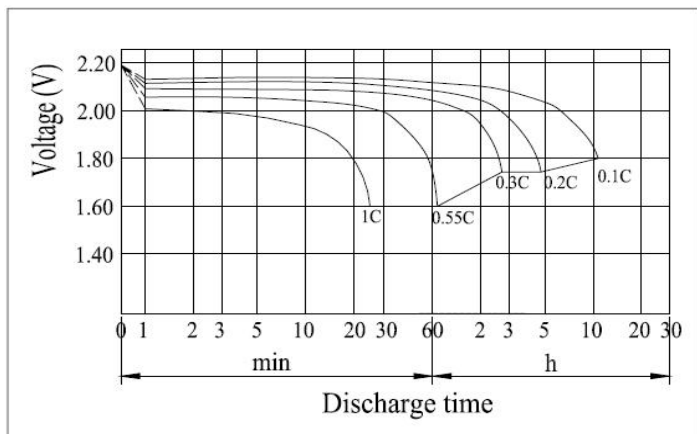
Constant Power Discharge at 25°C(77°F)

F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	6h	10h	20h
1.80V/cell	629	483	445	268	153	98	72.2	55.0	45.0	38.8	29.4	16.6
1.75V/cell	660	536	460	275	159	99	73.0	55.7	45.7	39.2	29.6	16.6
1.70V/cell	725	567	473	279	163	103	73.2	56.5	46.3	39.5	29.7	16.6
1.67V/cell	823	614	488	289	169	107	73.7	57.0	46.8	40.0	29.9	16.6
1.60V/cell	841	630	501	296	175	113	74.0	58.0	47.3	40.3	30.1	16.7

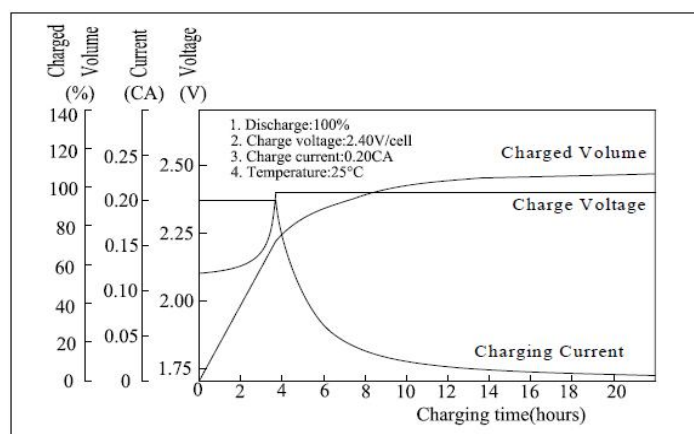
Constant Current Discharge at 25°C(77°F)

F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	6h	10h	20h
1.80V/cell	329	246	198	143	81.8	51.2	38.1	29.1	24.2	21.7	14.9	8.2
1.75V/cell	366	284	210	146	84.9	52.5	38.4	29.3	24.7	21.8	15.0	8.4
1.70V/cell	375	290	225	149	86.3	53.8	39.0	29.4	25.2	22.0	15.1	8.4
1.67V/cell	395	293	228	152	88.1	55.1	39.2	29.6	25.6	22.3	15.3	8.4
1.60V/cell	399	295	232	154	89.3	56.4	39.6	29.9	25.9	22.5	15.6	8.4

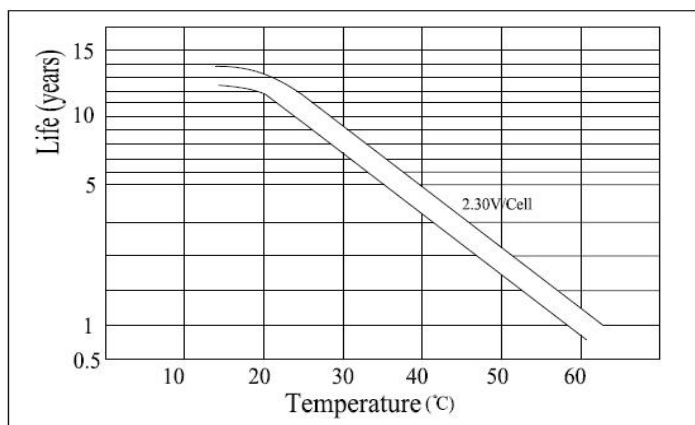
Discharge Characteristics



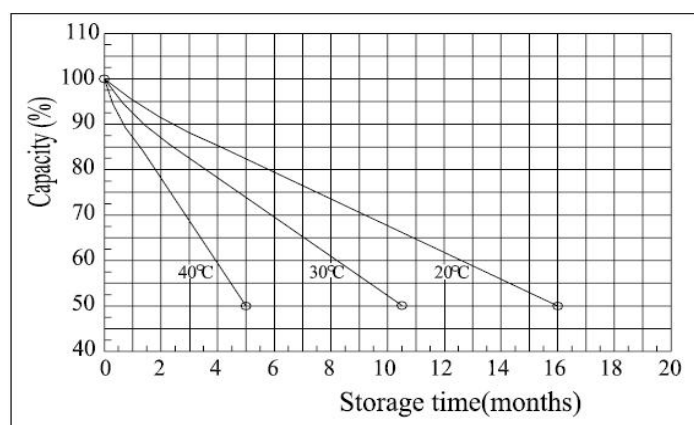
Float Charging Characteristics



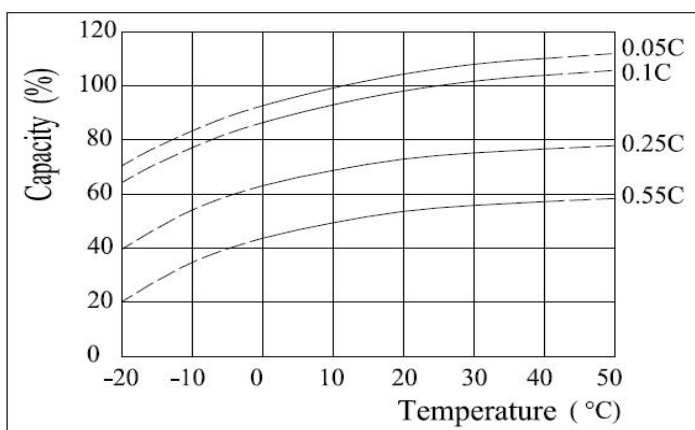
Floating Life on Temperature



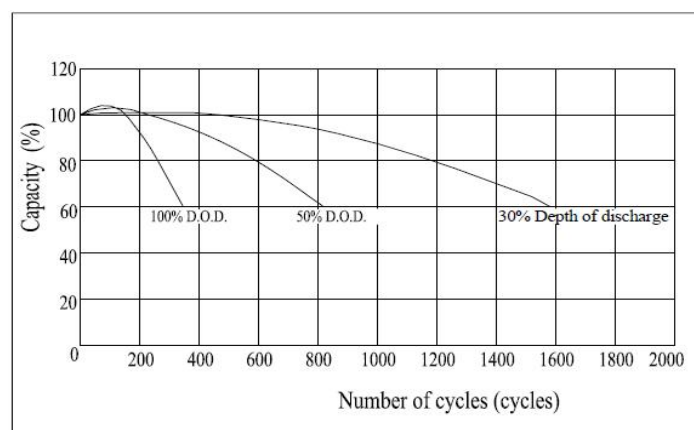
Self Discharge Characteristics (25°C(77°F))



Temperature Effects in Relation to Battery Capacity



Cycle Life Relation to Depth of Discharge



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