

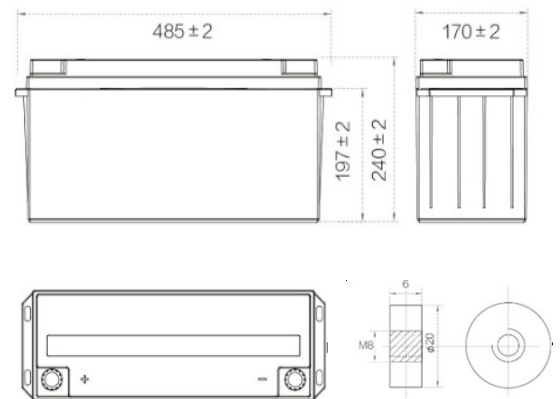
STANDBY SERIES SP12-150(12V150AH/10HR)

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(+ -4%)	
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)

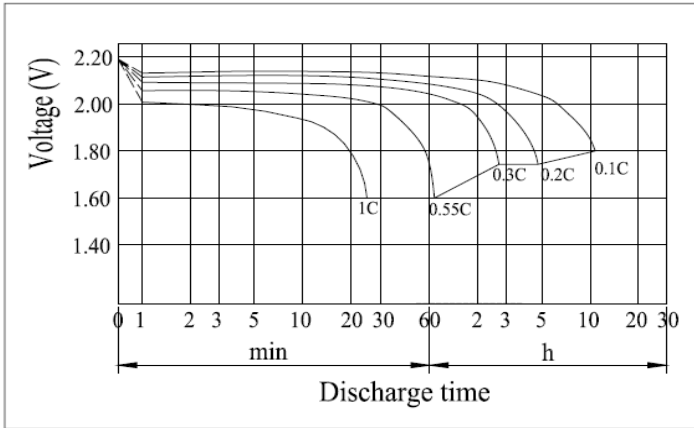
F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	6h	10h	20h
1.80V/cell	629	483	445	268	153	98	72,2	55,0	45,0	38,8	29,4	16,6
1.75V/cell	660	536	460	275	159	99	73,0	55,7	45,7	39,2	29,6	16,6
1.70V/cell	725	567	473	279	163	103	73,2	56,5	46,3	39,5	29,7	16,6
1.67V/cell	823	614	488	289	169	107	73,7	57,0	46,8	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)

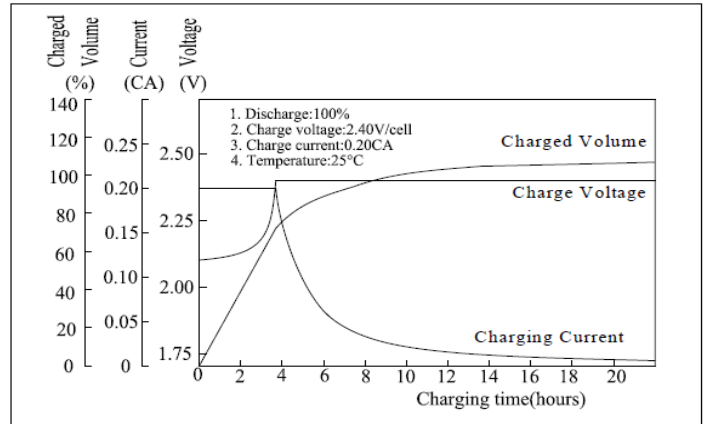
F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	6h	10h	20h
1.80V/cell	329	246	198	143	81,8	51,2	38,1	29,1	24,2	21,7	14,9	8,2
1.75V/cell	366	284	210	146	84,9	52,5	38,4	29,3	24,7	21,8	15,0	8,4
1.70V/cell	375	290	225	149	86,3	53,8	39,0	29,4	25,2	22,0	15,1	8,4
1.67V/cell	395	293	228	152	88,1	55,1	39,2	29,6	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

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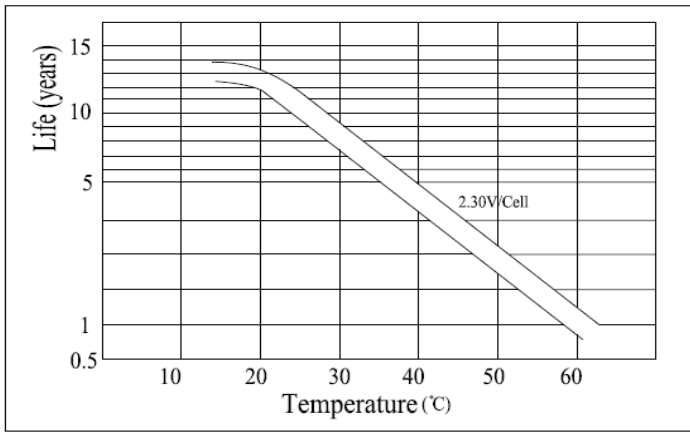
Discharge Characteristics



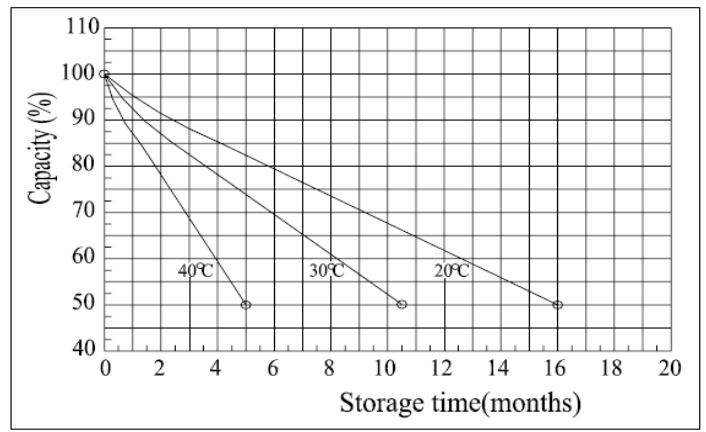
Float Charging Characteristics



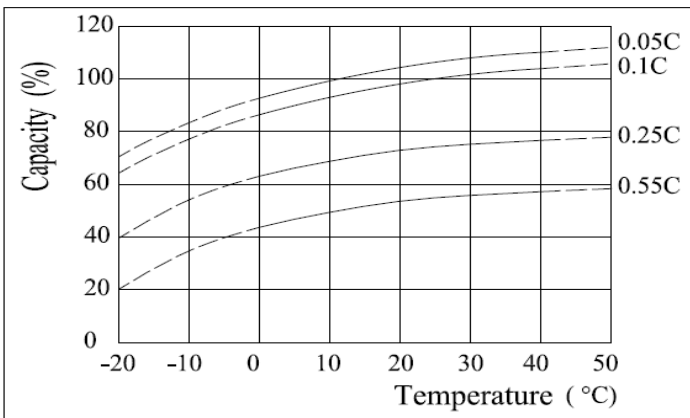
Floating Life on Temperature



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



Temperature Effects in Relation to Battery Capacity



Cycle Life Relation to Depth of Discharge

