

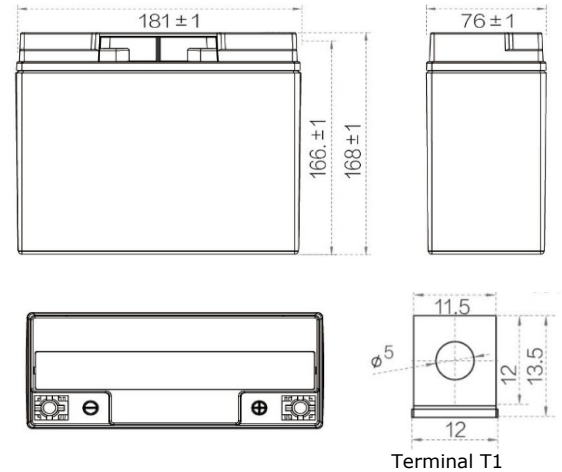
## STANDBY SERIES SSP12-18(12V18AH/10HR)

### Specifications

Nominal Voltage	12V	
Nominal Capacity(10hr)	18Ah	
Dimension	Length	181±2mm(5.94inch)
	Width	77±2mm(3.03inch)
	Height	167±2mm(6.57inch)
	Total Height	167±2mm(6.57inch)
Approx Weight	Approx. 5.45kg(+4%)	
Terminal Type	T1	
container Material	ABS(UL-94HB)	
Internal Resistance	Approx. 90mΩ	
Rated Capacity	20.0AH	(20hr, 1.75V/cell,25°C/77°F)
	18.8AH	(10hr, 1.75V/cell,25°C/77°F)
	16.9AH	(5hr, 1.75V/cell,25°C/77°F)
	15.4AH	(3hr, 1.75V/cell,25°C/77°F)
	11.5AH	(1hr, 1.75V/cell,25°C/77°F)
Max. Discharge Current	270A(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)

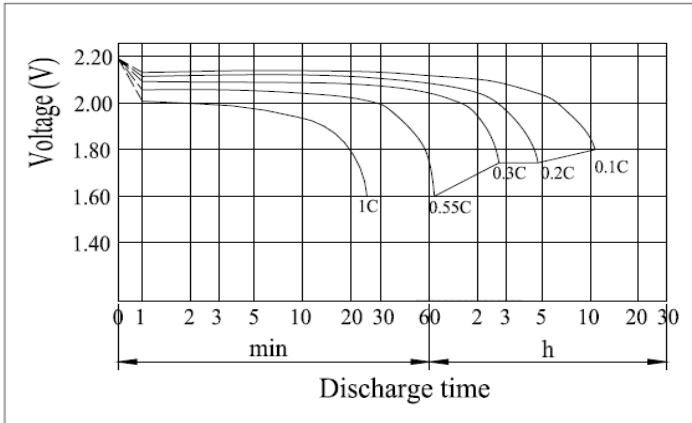
F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	6h	10h	20h
1.80V/cell	126	87,1	60,3	37,4	22,1	12,9	9,8	7,79	6,48	5,53	3,61	1,90
1.75V/cell	129	88,8	61,5	38,1	22,5	13,1	10,0	7,94	6,60	5,63	3,67	1,94
1.70V/cell	132	91,4	65,1	39,6	22,9	13,4	10,2	8,08	6,72	5,73	3,74	1,97
1.67V/cell	136	94,1	70,7	41,9	23,1	13,5	10,3	8,17	6,79	5,79	3,78	2,00
1.60V/cell	140	96,7	74,4	43,7	23,4	13,7	10,4	8,26	6,86	5,86	3,82	2,02

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

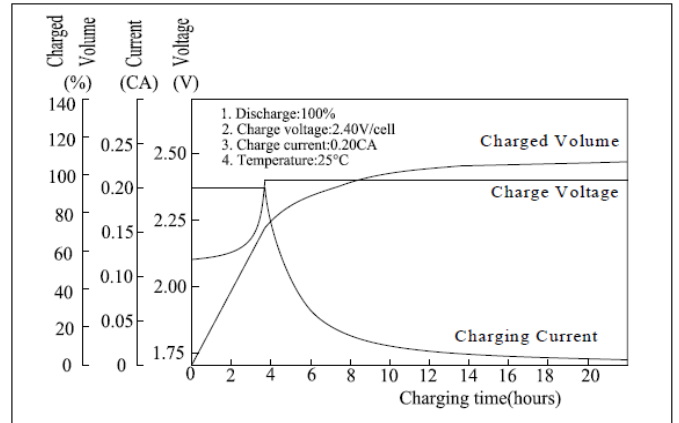
F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	6h	10h	20h
1.80V/cell	64,7	44,7	30,9	19,2	11,3	6,61	5,02	4,00	3,32	2,84	1,85	0,98
1.75V/cell	65,9	45,5	31,5	19,6	11,5	6,74	5,12	4,07	3,38	2,89	1,88	1,00
1.70V/cell	67,9	46,9	33,4	20,3	11,7	6,85	5,21	4,14	3,44	2,94	1,92	1,01
1.67V/cell	69,9	48,2	36,3	21,5	11,9	6,93	5,27	4,19	3,48	2,97	1,94	1,02
1.60V/cell	71,9	49,6	38,1	22,4	12,0	7,00	5,32	4,23	3,52	3,00	1,96	1,03

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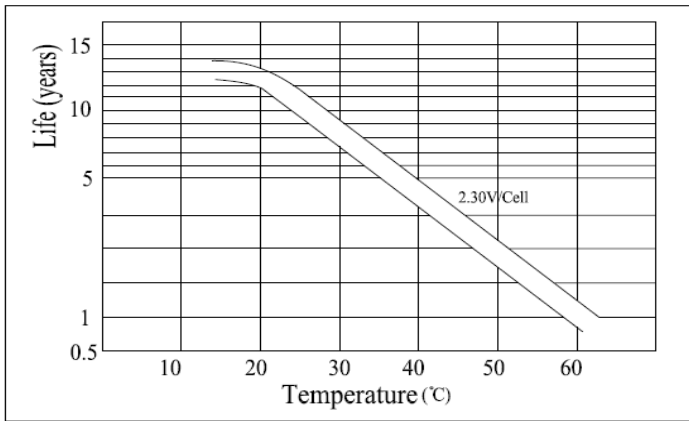
## Discharge Characteristics



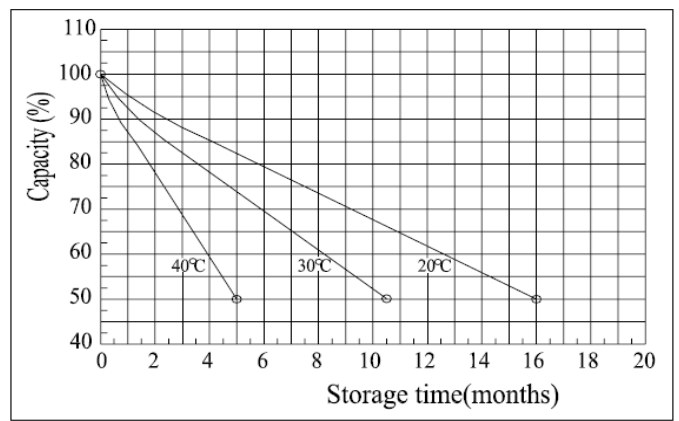
## Float Charging Characteristics



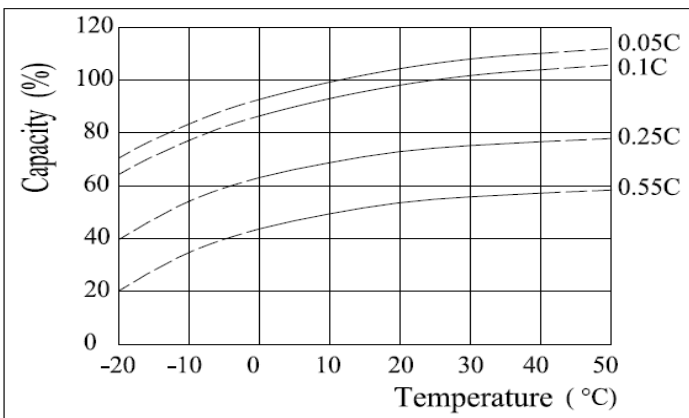
## Floating Life on Temperature



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



## Temperature Effects in Relation to Battery Capacity



## Cycle Life Relation to Depth of Discharge

