

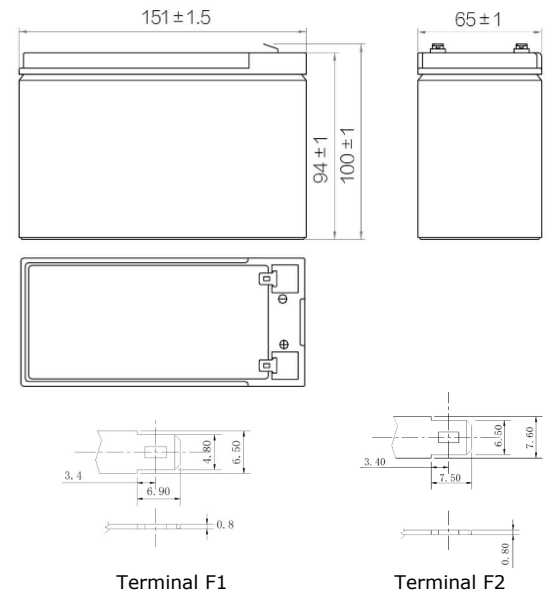
## STANDBY SERIES SSP12-7.2(12V7.2AH/20HR)

### Specifications

Nominal Voltage	12V	
Nominal Capacity(20hr)	7.2AH	
Dimension	Length	151±2mm(5.94inch)
	Width	65±2mm(2.56inch)
	Height	94±2mm(3.7inch)
	Total Height	98±2mm(3.86inch)
Approx Weight	Approx. 2.10kg(+ -4%)	
Terminal Type	F2	
container Material	ABS(UL-94HB)	
Internal Resistance	Approx.18mΩ	
Rated Capacity	7.2AH	(20hr, 1.75V/cell,25°C/77°F)
	6.8AH	(10hr, 1.75V/cell,25°C/77°F)
	6.2AH	(5hr, 1.70V/cell,25°C/77°F)
	5.6AH	(3hr, 1.70V/cell,25°C/77°F)
	3.9AH	(1hr, 1.60V/cell,25°C/77°F)
Max. Discharge Current	105A(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	
	40°C	103%
Capacity affected by Temperature	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

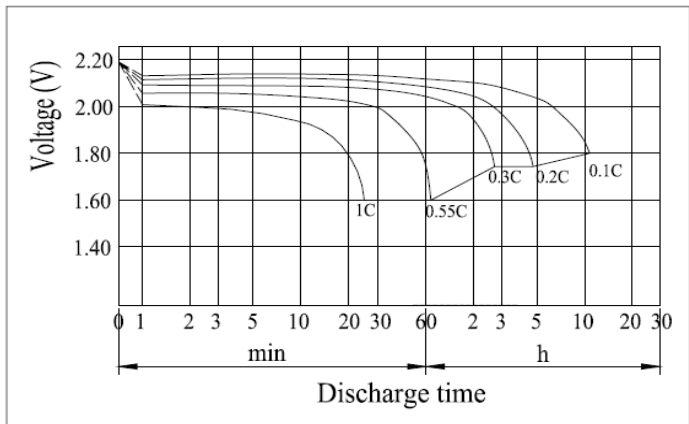


Constant Power Discharge at 25°C(77°F)												
F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	6h	10h	20h
1.80V/cell	41,7	27,6	22,3	14,8	8,61	4,72	3,40	2,79	2,73	1,95	1,28	0,68
1.75V/cell	43,8	29,6	23,6	15,2	8,74	4,80	3,44	2,81	2,74	2,00	1,30	0,69
1.70V/cell	46,6	30,7	24,8	15,6	8,90	4,86	3,45	2,83	2,74	2,03	1,31	0,71
1.67V/cell	47,6	31,7	25,4	15,7	8,92	4,87	3,45	2,83	2,76	2,07	1,32	0,72
1.60V/cell	48,9	31,9	25,8	15,9	8,95	4,91	3,47	2,84	2,78	2,11	1,34	0,74

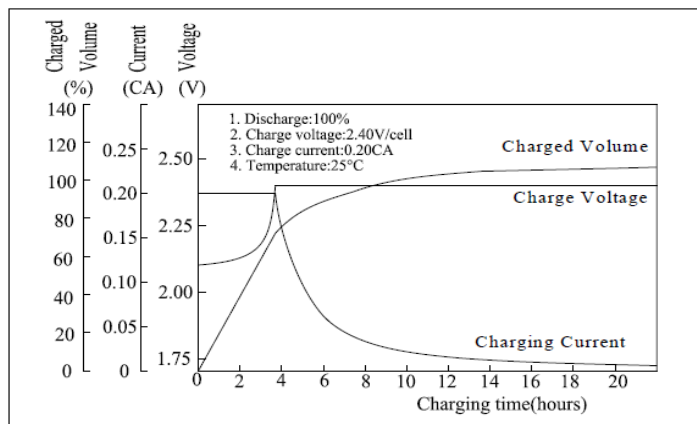
Constant Current Discharge at 25°C(77°F)												
F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	6h	10h	20h
1.80V/cell	20,7	13,5	11,1	7,22	3,91	2,25	1,74	1,40	1,11	1,00	0,65	0,36
1.75V/cell	22,4	14,7	11,7	7,41	4,10	2,34	1,78	1,44	1,18	1,02	0,66	0,36
1.70V/cell	24,1	15,9	12,3	7,60	4,23	2,40	1,82	1,47	1,21	1,04	0,68	0,36
1.67V/cell	25,7	17,1	12,9	7,79	4,32	2,43	1,90	1,53	1,24	1,07	0,69	0,37
1.60V/cell	27,4	18,3	13,5	7,98	4,37	2,54	1,96	1,57	1,29	1,09	0,70	0,37

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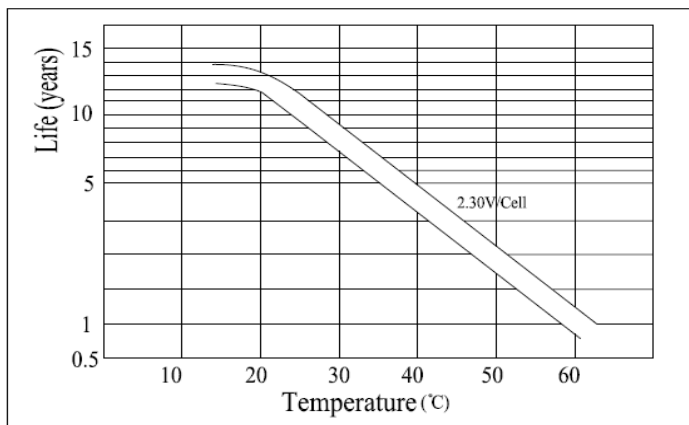
## Discharge Characteristics



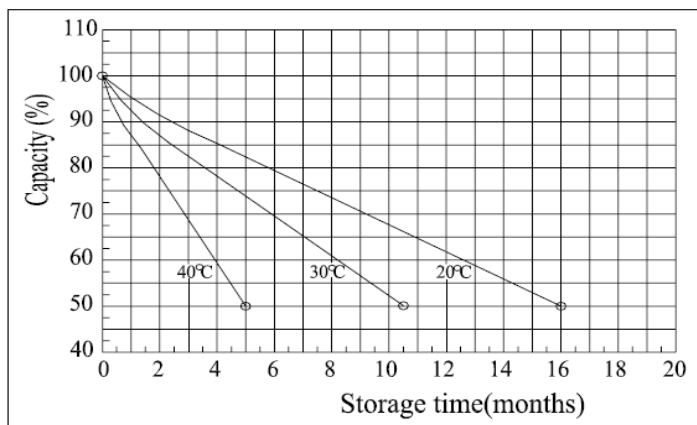
## Float Charging Characteristics



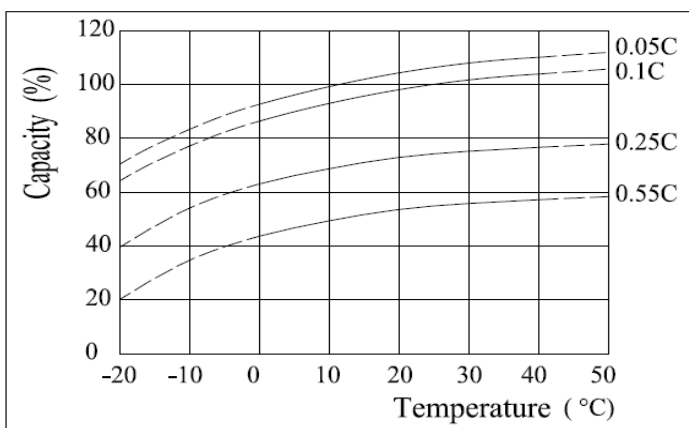
## Floating Life on Temperature



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



## Temperature Effects in Relation to Battery Capacity



## Cycle Life Relation to Depth of Discharge

