

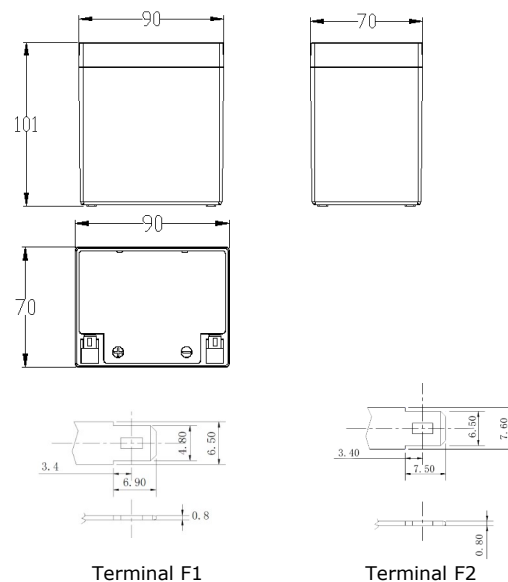
## STANDBY SERIES SSP12-5(12V5AH/20HR)

### Specifications

Nominal Voltage	12V	
Nominal Capacity(20hr)	5AH	
Dimension	Length	90±2mm(3.54inch)
	Width	70±2mm(2.76inch)
	Height	101±2mm(3.98inch)
	Total Height	105±2mm(4.13inch)
Approx Weight	Approx. 1.55kg(+/-4%)	
Terminal Type	F2	
container Material	ABS(UL-94HB)	
Internal Resistance	Approx.25mΩ	
Rated Capacity	5.0AH	(20hr, 1.75V/cell,25°C/77°F)
	4.7AH	(10hr, 1.75V/cell,25°C/77°F)
	4.2AH	(5hr, 1.75V/cell,25°C/77°F)
	3.8AH	(3hr, 1.75V/cell,25°C/77°F)
	3.0AH	(1hr, 1.75V/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	
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

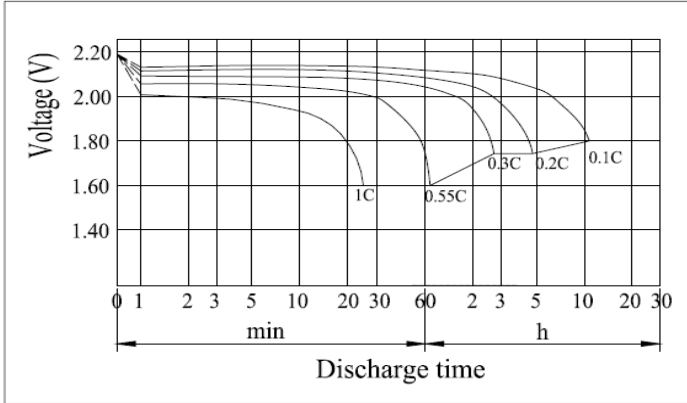


Constant Power Discharge at 25°C(77°F)												
F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	6h	10h	20h
1.80V/Cell	27,5	20,7	14,9	9,0	5,40	3,15	2,40	1,90	1,58	1,08	0,87	0,47
1.75V/Cell	27,8	20,9	15,0	9,1	5,45	3,18	2,43	1,92	1,59	1,09	0,88	0,48
1.70V/Cell	28,2	21,2	15,3	9,2	5,51	3,23	2,46	1,95	1,62	1,10	0,89	0,48
1.67V/Cell	28,3	21,3	15,4	9,2	5,55	3,25	2,47	1,96	1,63	1,11	0,89	0,48
1.60V/Cell	29,0	21,8	15,7	9,5	5,68	3,32	2,52	2,01	1,66	1,13	0,91	0,50

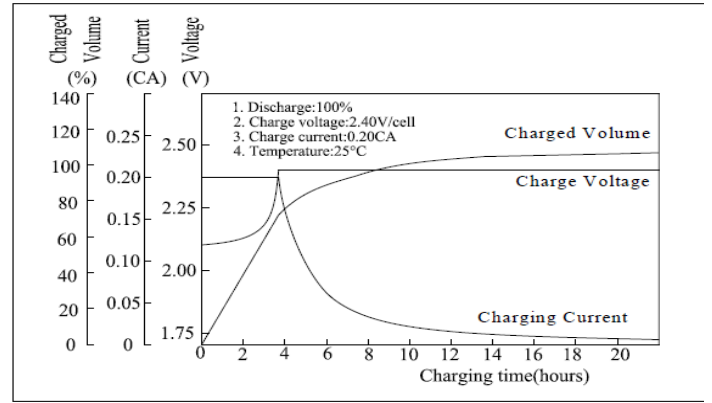
Constant Current Discharge at 25°C(77°F)												
F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	6h	10h	20h
1.80V/Cell	14,5	12,3	7,84	4,72	2,84	1,65	1,26	1,00	0,83	0,56	0,46	0,25
1.75V/Cell	14,6	12,5	7,92	4,77	2,87	1,67	1,28	1,01	0,84	0,57	0,47	0,25
1.70V/Cell	14,8	12,6	8,03	4,83	2,90	1,69	1,29	1,03	0,85	0,58	0,47	0,25
1.67V/Cell	14,9	12,8	8,1	4,86	2,92	1,71	1,30	1,03	0,86	0,58	0,48	0,25
1.60V/Cell	15,3	13,3	8,3	4,98	2,99	1,74	1,33	1,06	0,88	0,59	0,49	0,26

**STANDBY SERIES  
SSP12-5(12V5AH/20HR)**

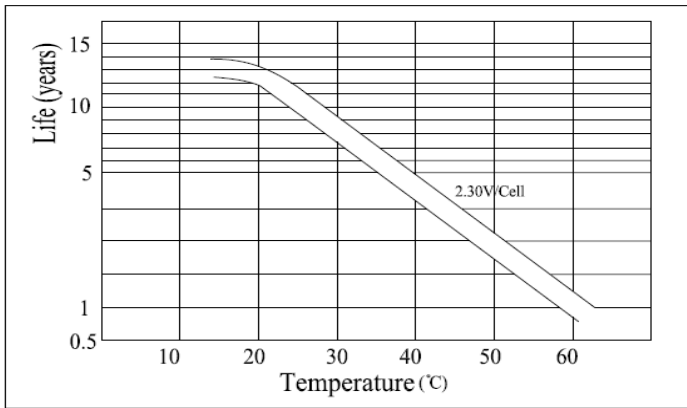
**Discharge Characteristics**



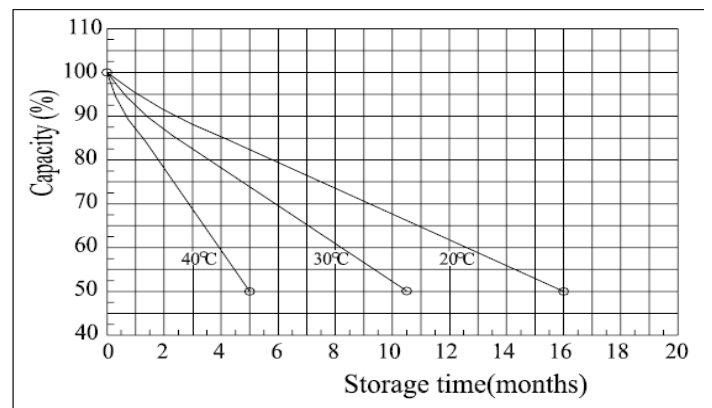
**Float Charging Characteristics**



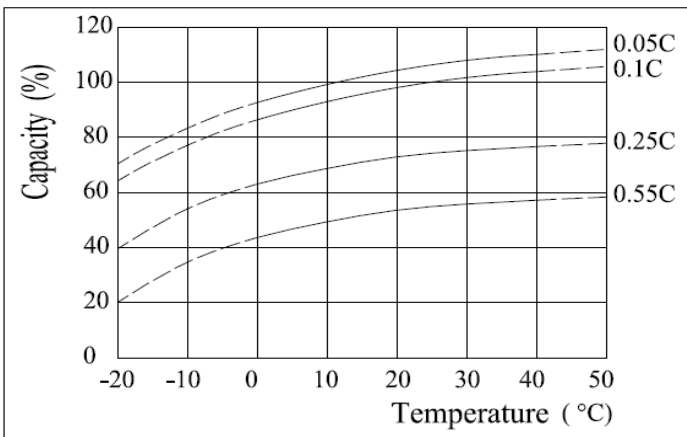
**Floating Life on Temperature**



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



**Temperature Effects in Relation to Battery Capacity**



**Cycle Life Relation to Depth of Discharge**

