

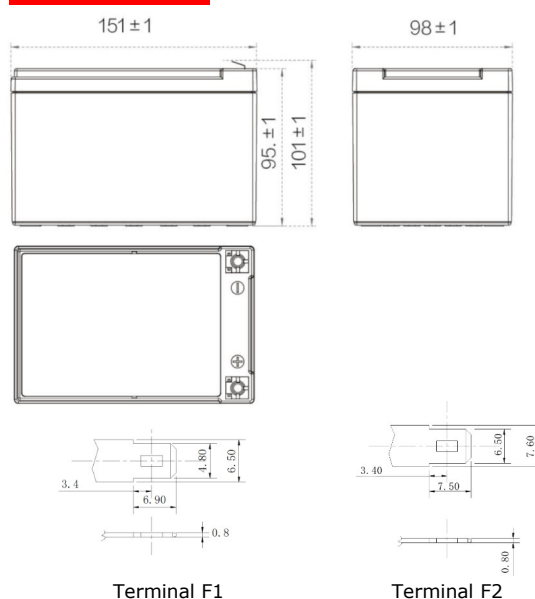
STANDBY SERIES SSP12-12(12V12AH/20HR)

Specifications

Nominal Voltage	12V	
Nominal Capacity(20hr)	12AH	
Dimension	Length	151±2mm(5.94inch)
	Width	98±2mm(3.86inch)
	Height	94±2mm(3.70inch)
	Total Height	98±2mm(3.86inch)
Approx Weight	Approx. 3.55kg(+4%)	
Terminal Type	F2	
container Material	ABS(UL-94HB)	
Internal Resistance	Approx.18mΩ	
Rated Capacity	12.00AH	(20hr, 1.75V/cell,25°C/77°F)
	11.5AH	(10hr, 1.75V/cell,25°C/77°F)
	11.0AH	(5hr, 1.75V/cell,25°C/77°F)
	10.3AH	(3hr, 1.75V/cell,25°C/77°F)
	7.7AH	(1hr, 1.75V/cell,25°C/77°F)
Max. Discharge Current	120A(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

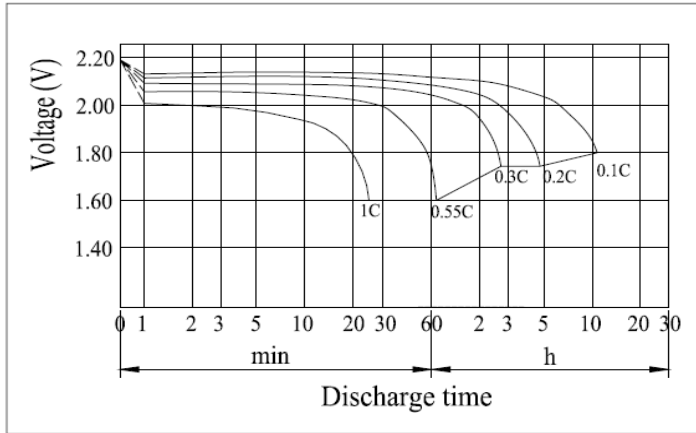


Constant Power Discharge at 25°C(77°F)												
F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	6h	10h	20h
1.80V/cell	84,2	50,4	43,8	24,8	13,8	7,92	6,53	4,99	4,32	3,45	2,20	1,14
1.75V/cell	90,7	51,3	47,5	25,2	14,0	8,07	6,66	5,09	4,41	3,51	2,24	1,16
1.70V/cell	92,0	56,2	49,4	26,8	14,4	8,21	6,77	5,18	4,48	3,57	2,28	1,18
1.67V/cell	94,3	59,0	50,0	27,4	15,1	8,30	6,85	5,24	4,52	3,61	2,31	1,19
1.60V/cell	98,3	62,1	51,6	30,1	15,4	8,39	6,92	5,29	4,57	3,65	2,33	1,21

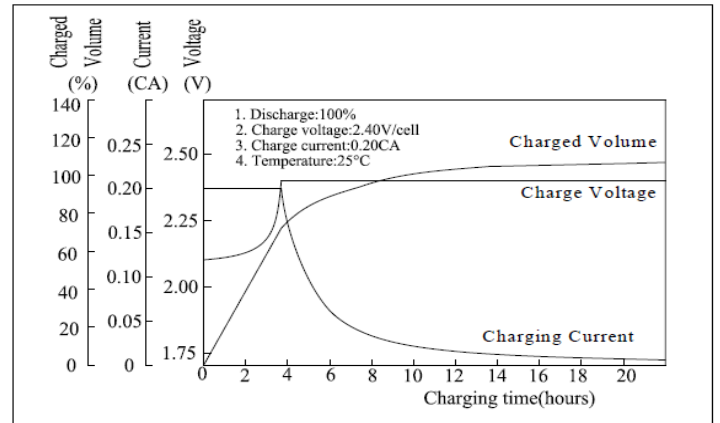
Constant Current Discharge at 25°C(77°F)												
F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	6h	10h	20h
1.80V/cell	42,5	25,4	22,1	12,5	6,95	4,06	3,36	2,56	2,22	1,77	1,13	0,58
1.75V/cell	45,8	25,9	24,0	12,7	7,09	4,14	3,42	2,61	2,26	1,80	1,15	0,60
1.70V/cell	46,5	28,4	24,9	13,5	7,26	4,21	3,48	2,66	2,30	1,83	1,17	0,60
1.67V/cell	47,6	29,8	25,3	13,8	7,61	4,26	3,51	2,68	2,32	1,85	1,18	0,61
1.60V/cell	49,6	31,4	26,1	15,2	7,79	4,30	3,55	2,71	2,35	1,87	1,19	0,62

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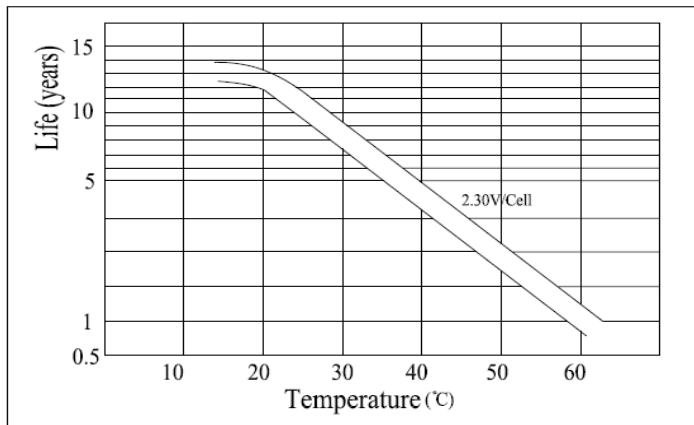
Discharge Characteristics



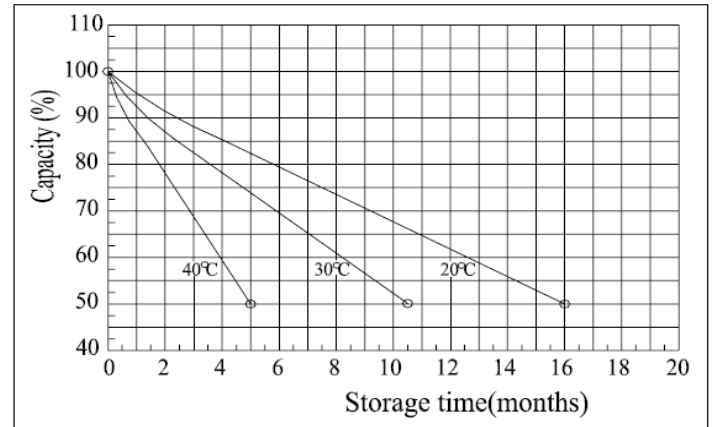
Float Charging Characteristics



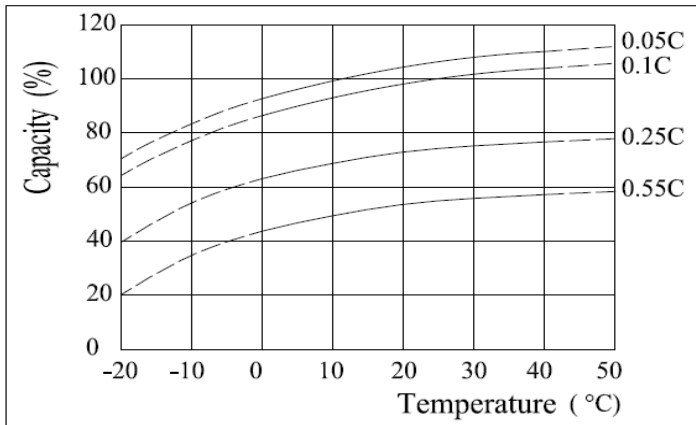
Floating Life on Temperature



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



Temperature Effects in Relation to Battery Capacity



Cycle Life Relation to Depth of Discharge

