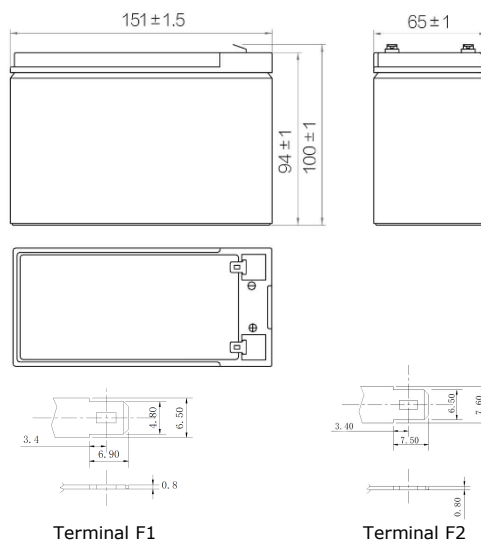


### Specifications

Nominal Voltage	12V	
Nominal Capacity(20hr)	9AH	
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. 2.65kg(+ -4%)	
Terminal Type	F1/F2	
container Material	ABS(UL-94HB)	
Internal Resistance	Approx.18mΩ	
Rated Capacity	9.0AH	(20hr, 1.70V/cell,25°C/77°F)
	8.6AH	(10hr, 1.75V/cell,25°C/77°F)
	8.0AH	(5hr, 1.75V/cell,25°C/77°F)
	7.3AH	(3hr, 1.70V/cell,25°C/77°F)
	5.5AH	(1hr, 1.60V/cell,25°C/77°F)
Max. Discharge Current	130A(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%



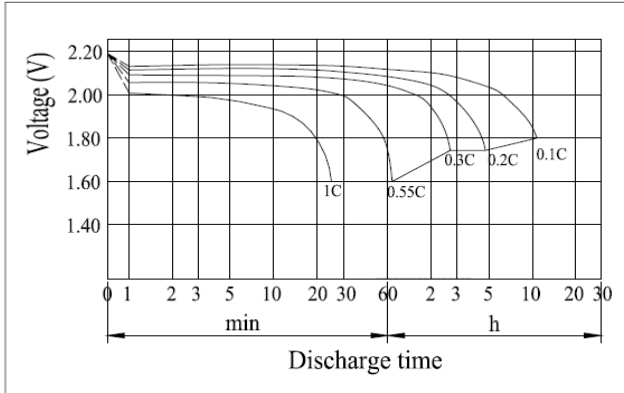
### Dimensions



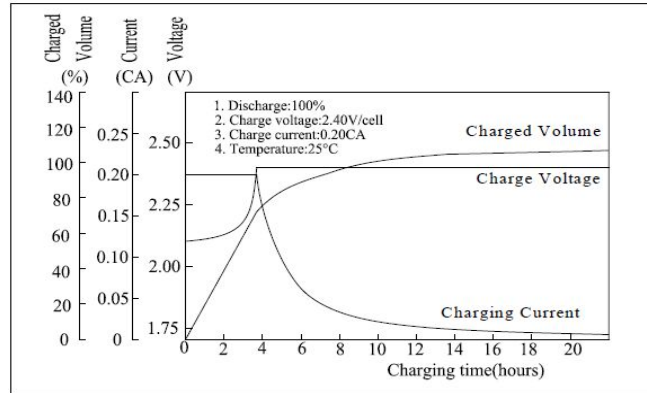
F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	6h	10h	20h
1.80V/cell	61.4	38.8	29.1	14.3	9.2	5.79	4.73	3.72	3.08	2.59	1.68	0.86
1.75V/cell	62.6	39.5	30.0	15.4	9.7	6.11	4.76	3.79	3.11	2.65	1.70	0.87
1.70V/cell	65.8	40.4	31.0	16.5	10.2	6.42	4.81	3.85	3.14	2.71	1.71	0.89
1.67V/cell	67.6	42.4	32.0	17.6	10.6	6.74	4.85	3.91	3.20	2.78	1.73	0.90
1.60V/cell	68.0	45.4	33.0	18.7	11.1	7.06	4.87	3.97	3.26	2.84	1.74	0.90

F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	6h	10h	20h
1.80V/cell	32.0	20.2	15.1	7.4	4.79	3.02	2.46	1.94	1.61	1.35	0.88	0.45
1.75V/cell	32.6	20.6	15.6	8.0	5.04	3.18	2.48	1.97	1.62	1.38	0.88	0.45
1.70V/cell	34.3	21.0	16.1	8.6	5.29	3.35	2.51	2.00	1.64	1.41	0.89	0.46
1.67V/cell	35.2	22.1	16.7	9.2	5.54	3.51	2.52	2.03	1.67	1.45	0.90	0.47
1.60V/cell	35.4	23.6	17.2	9.7	5.78	3.68	2.54	2.07	1.70	1.48	0.91	0.47

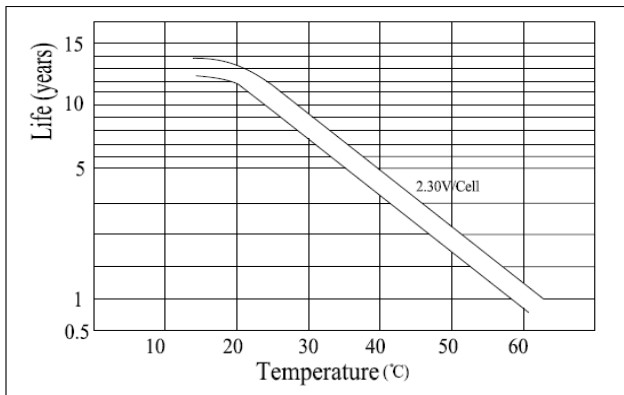
### Discharge Characteristics



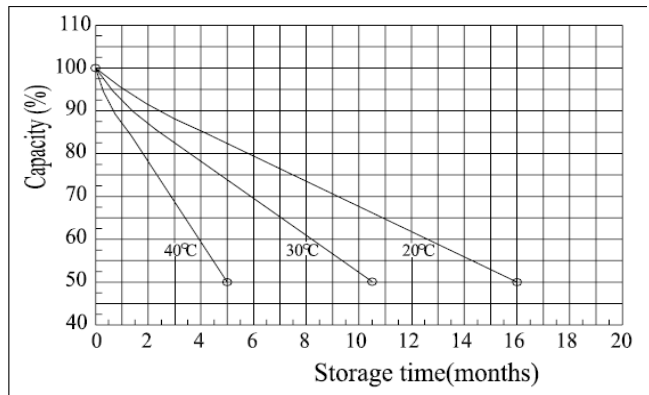
### Float Charging Characteristics



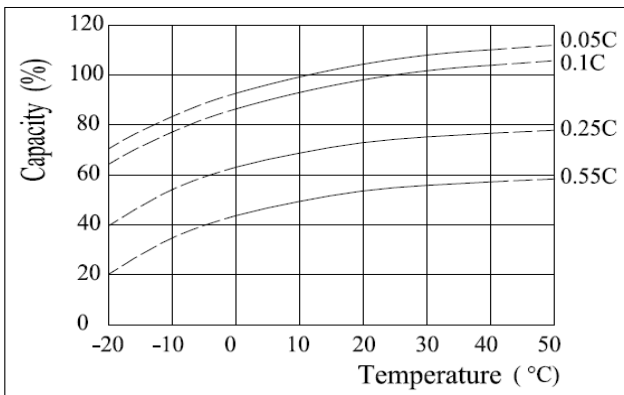
### Floating Life on Temperature



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



### Temperature Effects in Relation to Battery Capacity



### Cycle Life Relation to Depth of Discharge

