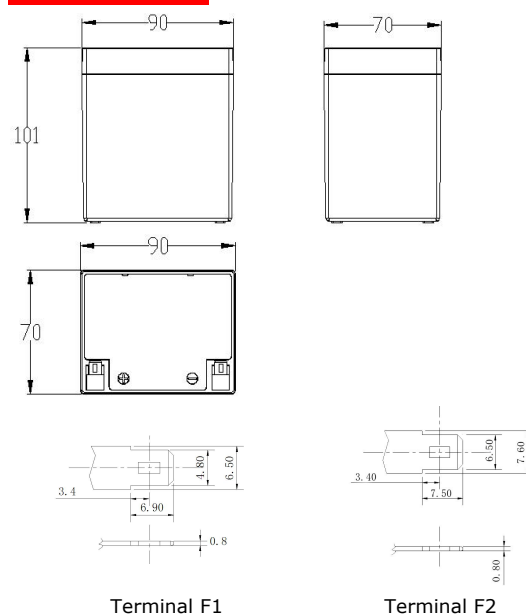


Specifications

Nominal Voltage	12V	
Nominal Capacity(20hr)	4AH	
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. 1.35kg(+5%)	
Terminal Type	F1/F2	
container Material	ABS(UL-94HB)	
Internal Resistance	Approx.25mΩ	
Rated Capacity	4.00AH	(20hr, 1.70V/cell,25°C/77°F)
	3.80AH	(10hr, 1.75V/cell,25°C/77°F)
	3.40AH	(5hr, 1.75V/cell,25°C/77°F)
	3.10AH	(3hr, 1.70V/cell,25°C/77°F)
	2.40AH	(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	
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



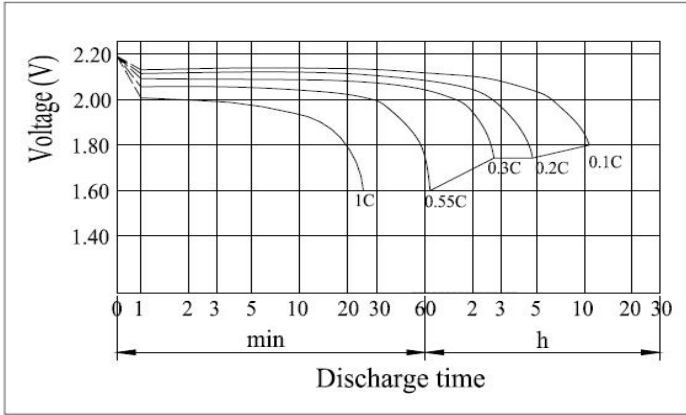
Constant Power Discharge at 25°C(77°F)

F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	6h	10h	20h
1.80V/Cell	26.5	19.0	15.1	7.5	5.20	2.48	2.04	1.56	1.21	1.08	0.71	0.40
1.75V/Cell	27.0	19.4	15.4	7.6	5.30	2.52	2.08	1.59	1.24	1.10	0.72	0.40
1.70V/Cell	27.8	20.0	15.9	7.8	5.45	2.60	2.14	1.64	1.27	1.13	0.75	0.40
1.67V/Cell	28.6	20.7	16.5	8.1	5.67	2.70	2.16	1.65	1.32	1.18	0.76	0.40
1.60V/Cell	28.7	21.9	17.4	8.6	5.98	2.85	2.18	1.66	1.34	1.21	0.77	0.40

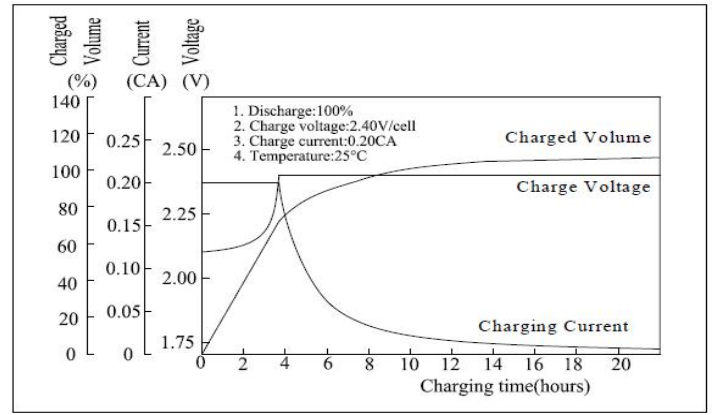
Constant Current Discharge at 25°C(77°F)

F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	6h	10h	20h
1.80V/Cell	13.5	9.7	7.68	3.79	2.64	1.26	1.04	0.79	0.62	0.55	0.36	0.20
1.75V/Cell	13.7	9.8	7.83	3.86	2.69	1.28	1.06	0.81	0.63	0.56	0.37	0.20
1.70V/Cell	14.1	10.1	8.06	3.98	2.77	1.32	1.07	0.83	0.65	0.57	0.38	0.20
1.67V/Cell	14.5	10.5	8.4	4.13	2.88	1.37	1.09	0.84	0.67	0.60	0.39	0.20
1.60V/Cell	14.6	11.1	8.8	4.36	3.04	1.45	1.92	0.84	0.68	0.62	0.39	0.21

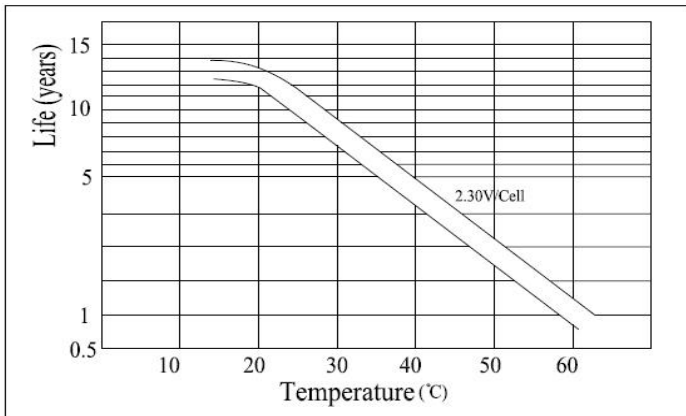
Discharge Characteristics



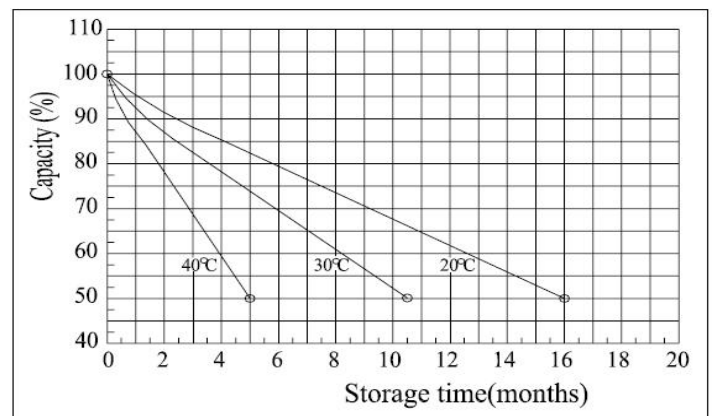
Float Charging Characteristics



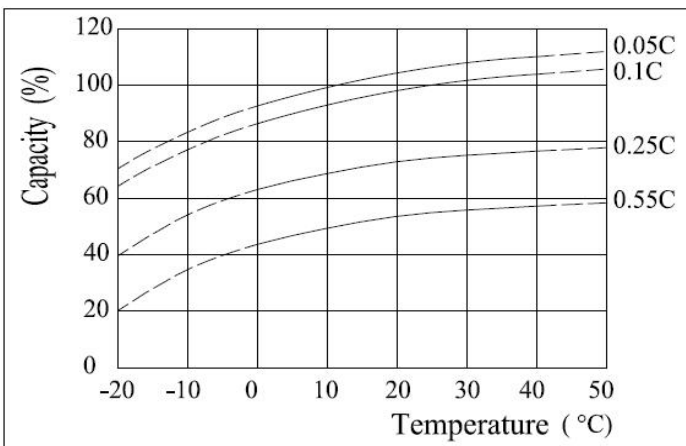
Floating Life on Temperature



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



Temperature Effects in Relation to Battery Capacity



Cycle Life Relation to Depth of Discharge

