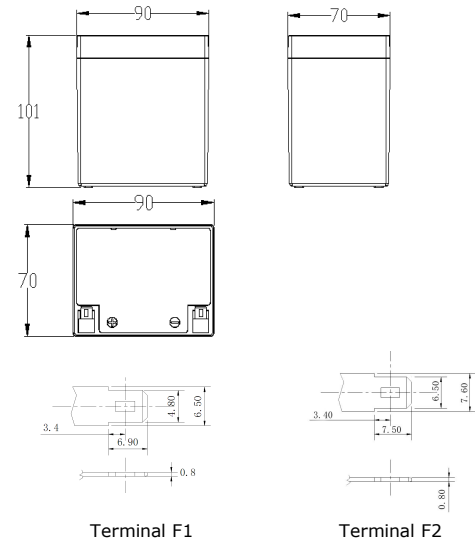


Specifications

Nominal Voltage	12V	
Nominal Capacity(20hr)	5.5AH	
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. 1.8kg(+ -4%)	
Terminal Type	F1/F2	
container Material	ABS(UL-94HB)	
Internal Resistance	Approx.25mΩ	
Rated Capacity	6.0AH	(20hr, 1.75V/cell,25°C/77°F)
	5.5AH	(10hr, 1.75V/cell,25°C/77°F)
	5.1AH	(5hr, 1.75V/cell,25°C/77°F)
	5.0AH	(3hr, 1.75V/cell,25°C/77°F)
	3.8AH	(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



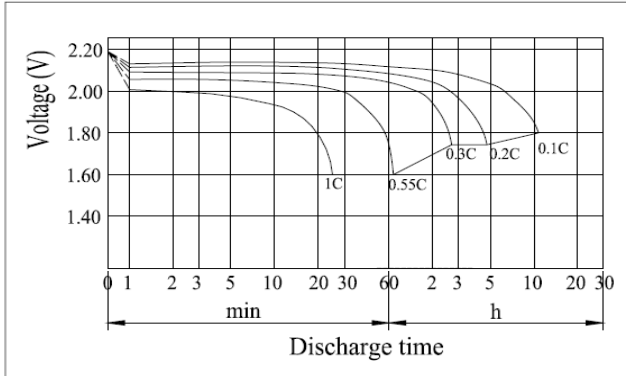
Constant Power Discharge at 25°C(77°F)

F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	6h	10h	20h
1.80V/Cell	35.3	25.3	20.1	12.1	7.47	4.01	3.31	2.53	1.97	1.57	1.12	0.58
1.75V/Cell	36.0	25.8	20.5	12.3	7.62	4.09	3.37	2.58	2.00	1.60	1.13	0.59
1.70V/Cell	37.1	26.6	21.1	12.7	7.85	4.21	3.48	2.66	2.07	1.65	1.17	0.60
1.67V/Cell	38.5	27.6	22.0	13.2	8.15	4.04	3.61	2.76	2.14	1.71	1.22	0.60
1.60V/Cell	40.7	29.2	23.2	13.9	8.61	4.62	3.82	2.91	2.25	1.81	1.25	0.60

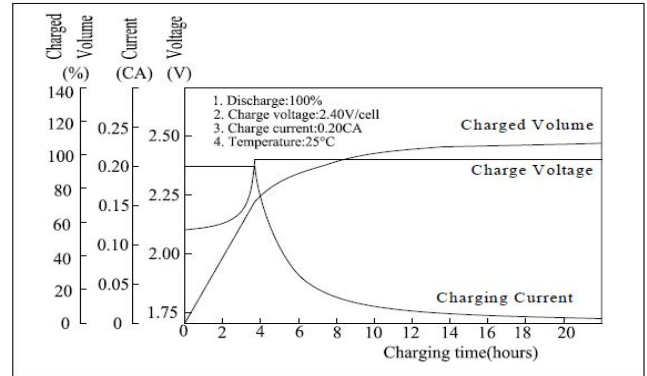
Constant Current Discharge at 25°C(77°F)

F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	6h	10h	20h
1.80V/Cell	18.3	13.1	10.42	6.25	3.67	2.08	1.54	1.24	0.97	0.86	0.56	0.29
1.75V/Cell	18.6	13.4	10.63	6.36	3.74	2.11	1.57	1.27	0.99	0.88	0.57	0.30
1.70V/Cell	19.2	13.8	10.94	6.56	3.86	2.18	1.62	1.30	1.02	0.90	0.59	0.30
1.67V/Cell	19.9	14.3	11.4	6.81	4.01	2.26	1.68	1.36	1.05	0.94	0.61	0.30
1.60V/Cell	21.0	15.1	11.5	7.20	4.23	2.39	1.77	1.43	1.07	0.97	0.62	0.30

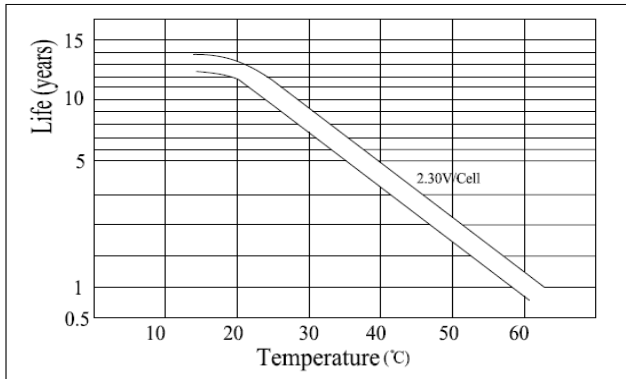
Discharge Characteristics



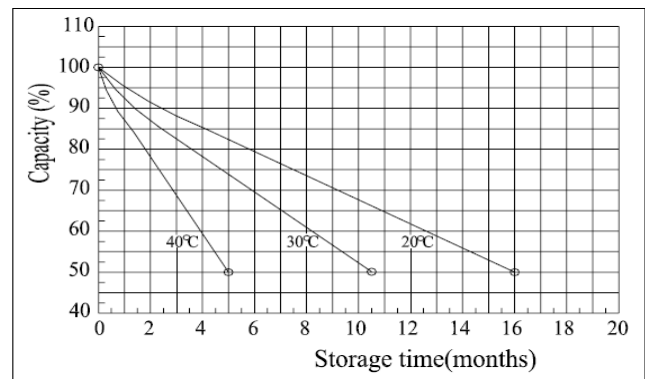
Float Charging Characteristics



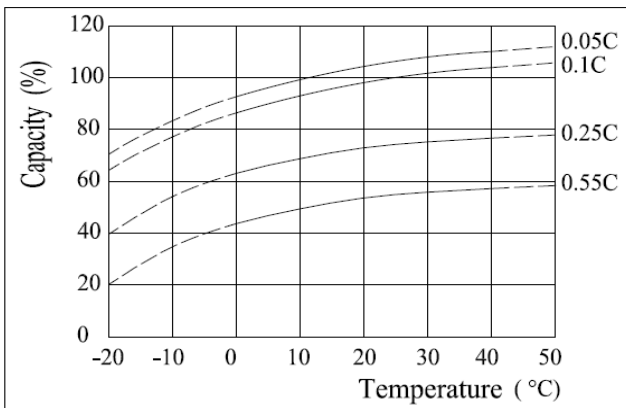
Floating Life on Temperature



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



Temperature Effects in Relation to Battery Capacity



Cycle Life Relation to Depth of Discharge

