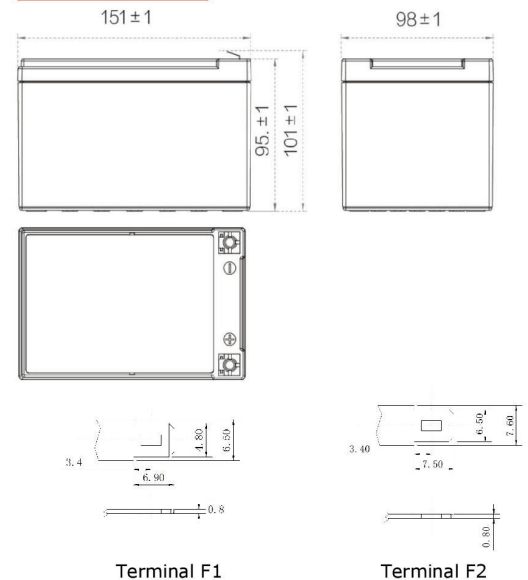


Specifications

Nominal Voltage	12V	
Nominal Capacity(20hr)	12AH	
Dimension	Length	151±2mm(5.94inch)
	Width	98±2mm(3.86inch)
	Height	95±2mm(3.70inch)
	Total Height	101±2mm(3.98inch)
Approx Weight	Approx. 3.25kg(+ -3%)	
Terminal Type	F1/F2	
container Material	ABS(UL-94HB)	
Internal Resistance	Approx.18mΩ	
Rated Capacity	12.00AH	(20hr, 1.70V/cell,25°C/77°F)
	11.0AH	(10hr, 1.75V/cell,25°C/77°F)
	10.0AH	(5hr, 1.75V/cell,25°C/77°F)
	9.0AH	(3hr, 1.70V/cell,25°C/77°F)
	6.6AH	(1hr, 1.60V/cell,25°C/77°F)
Max. Discharge Current	200A(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%

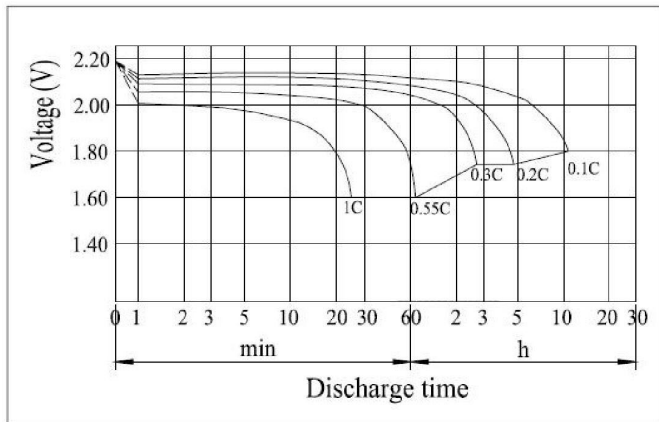

Dimensions

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	72.3	49.9	34.6	21.4	12.6	7.38	5.62	4.47	3.71	3.17	2.07	1.09
1.75V/cell	73.7	50.9	35.2	21.8	12.9	7.53	5.72	4.55	3.78	3.23	2.11	1.11
1.70V/cell	75.9	52.4	37.3	22.7	13.1	7.66	5.83	4.63	3.85	3.29	2.15	1.13
1.67V/cell	78.1	53.9	40.5	24.0	13.2	7.74	5.89	4.68	3.89	3.32	2.17	1.14
1.60V/cell	80.3	55.4	42.6	25.0	13.4	7.82	5.95	4.73	3.92	3.35	2.19	1.16

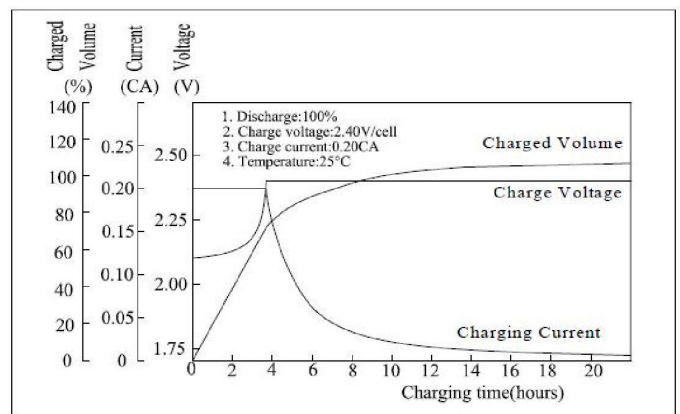
Constant Current Discharge at 25°C(77°F)

F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	6h	10h	20h
1.80V/cell	37.1	25.6	17.7	11.0	6.48	3.78	2.88	2.29	1.90	1.63	1.06	0.56
1.75V/cell	37.8	26.1	18.1	11.2	6.60	3.86	2.94	2.33	1.94	1.66	1.08	0.57
1.70V/cell	38.9	26.9	19.1	11.7	6.72	3.92	2.98	2.66	2.37	1.68	1.10	0.58
1.67V/cell	40.1	27.6	20.8	12.3	6.79	3.97	3.02	2.40	2.40	1.70	1.11	0.59
1.60V/cell	41.2	28.4	21.9	12.8	6.86	4.01	3.05	2.43	2.43	1.72	1.12	0.59

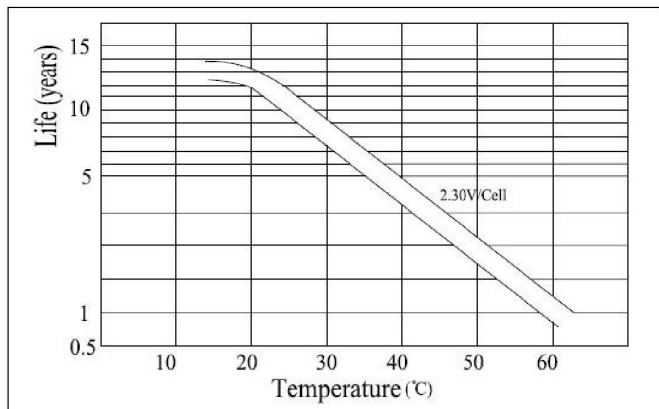
Discharge Characteristics



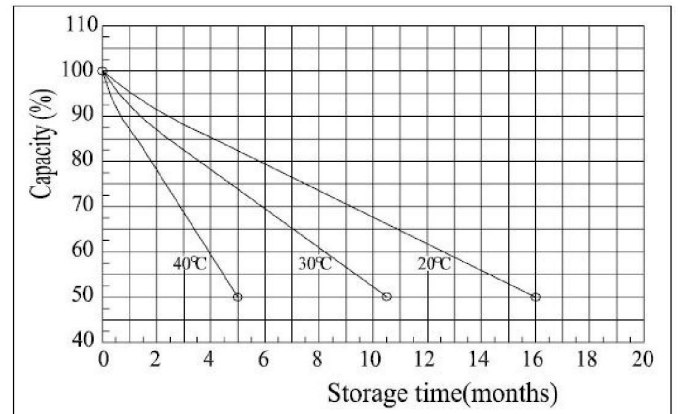
Float Charging Characteristics



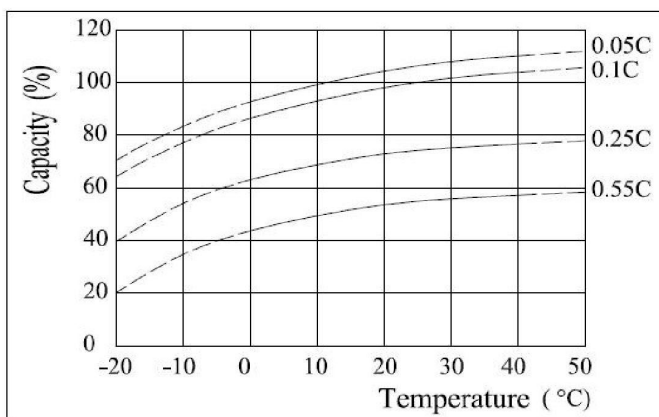
Floating Life on Temperature



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



Temperature Effects in Relation to Battery Capacity



Cycle Life Relation to Depth of Discharge

