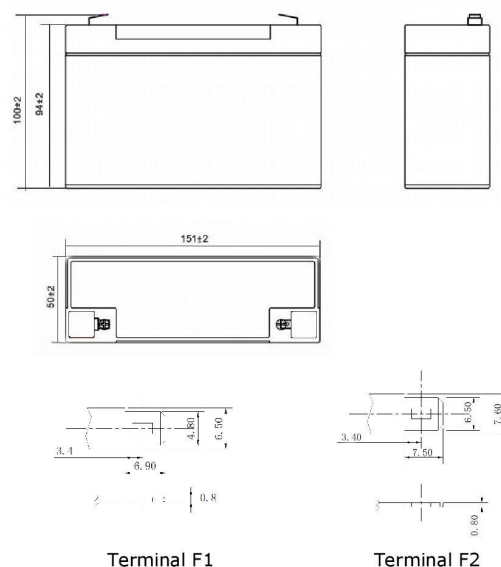


Specifications

Nominal Voltage	6V	
Nominal Capacity(20hr)	12AH	
Dimension	Length	151±2mm(5.94inch)
	Width	50±2mm(1.97inch)
	Height	94±2mm(3.7inch)
	Total Height	100±2mm(3.94inch)
Approx Weight	Approx. 1.78kg(+/-3%)	
Terminal Type	F1/F2	
container Material	ABS(UL-94HB)	
Internal Resistance	Approx.6mΩ	
Rated Capacity	12.0AH	(20hr, 1.75V/cell,25℃/77℉)
	11.5AH	(10hr, 1.75V/cell,25℃/77℉)
	10.2AH	(5hr, 1.75V/cell,25℃/77℉)
	9.6AH	(3hr, 1.70V/cell,25℃/77℉)
	7.0AH	(1hr, 1.60V/cell,25℃/77℉)
Max. Discharge Current	200A(5S)	
Nominal Operating Temp. Range	25±3℃ (77±5℉)	
Cycle Use	Charge Current Less Than 0.25CA	
	7.05V~7.35V@25℃(77℉)Temp. Coefficient -30mV/℃	
Floating Use	6.75V~6.9V@25℃(77℉)Temp. Coefficient -20mV/℃	
Capacity affected by Temperature	40℃	103%
	25℃	100%
	0℃	86%
	-15℃	65%
Self-discharge	3 month	Remaining capacity: 91%
	6 month	Remaining capacity:82%
	12month	Remaining capacity:65%

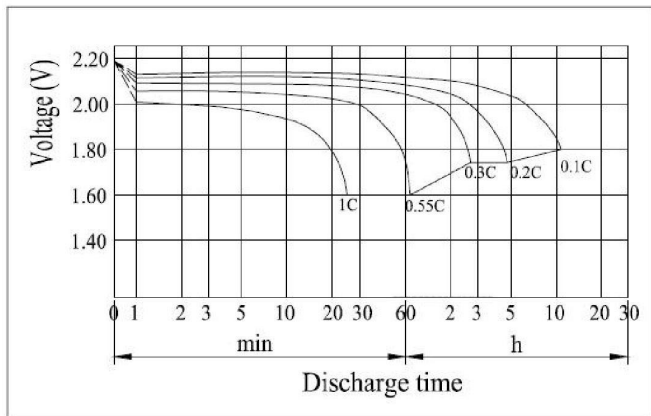

Dimensions

Constant Power Discharge at 25℃(77℉)

F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	6h	10h	20h
1.80V/cell	75.7	52.3	36.2	22.4	13.2	7.73	5.88	4.68	3.88	3.32	2.17	1.14
1.75V/cell	77.1	53.3	36.9	22.9	13.5	7.88	5.99	4.77	3.96	3.38	2.21	1.16
1.70V/cell	79.5	54.8	39.1	23.8	13.7	8.02	6.10	4.85	4.03	3.44	2.25	1.18
1.67V/cell	81.8	56.4	42.4	25.1	13.9	8.10	6.17	4.90	4.07	3.47	2.27	1.19
1.60V/cell	84.1	58.0	44.6	26.2	14.0	8.19	6.23	4.96	4.11	3.51	2.29	1.21

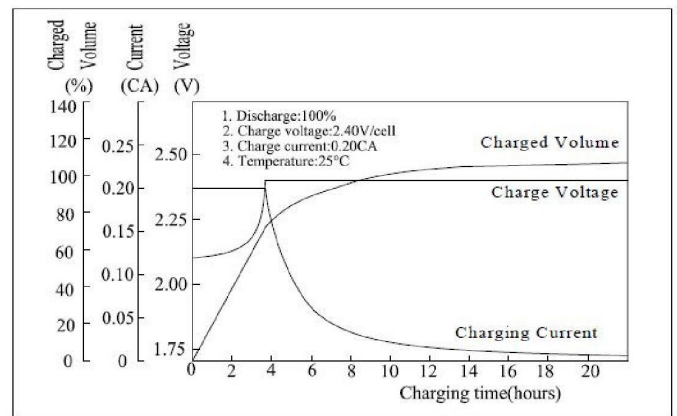
Constant Current Discharge at 25℃(77℉)

F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	6h	10h	20h
1.80V/cell	38.8	26.8	18.6	11.5	6.79	3.96	3.01	2.40	1.99	1.70	1.11	0.59
1.75V/cell	39.6	27.3	18.9	11.7	6.92	4.04	3.07	2.44	2.03	1.73	1.13	0.60
1.70V/cell	40.7	28.1	20.0	12.2	7.03	4.11	3.12	2.79	2.49	1.76	1.15	0.61
1.67V/cell	41.9	28.9	21.8	12.9	7.11	4.16	3.16	2.51	2.51	1.78	1.16	0.61
1.60V/cell	43.1	29.8	22.9	13.4	7.18	4.20	3.19	2.54	2.54	1.80	1.18	0.62

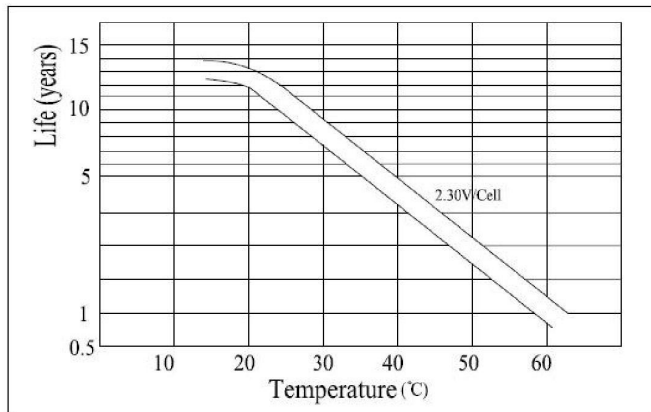
Discharge Characteristics



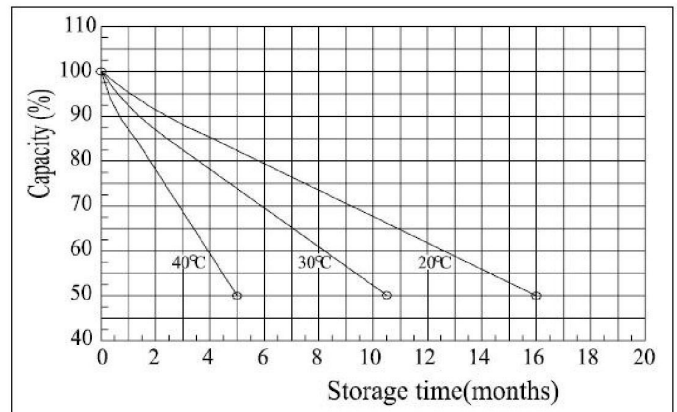
Float Charging Characteristics



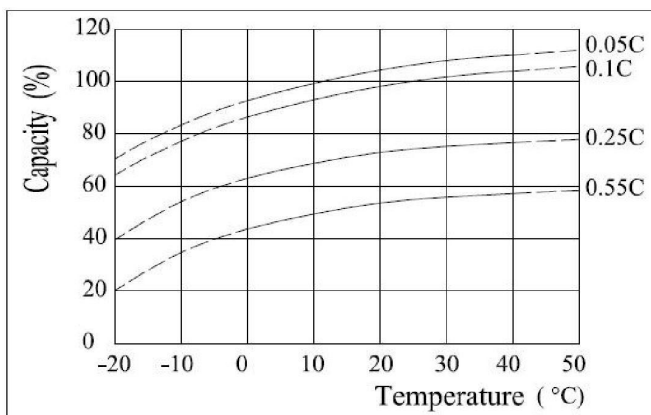
Floating Life on Temperature



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



Temperature Effects in Relation to Battery Capacity



Cycle Life Relation to Depth of Discharge

