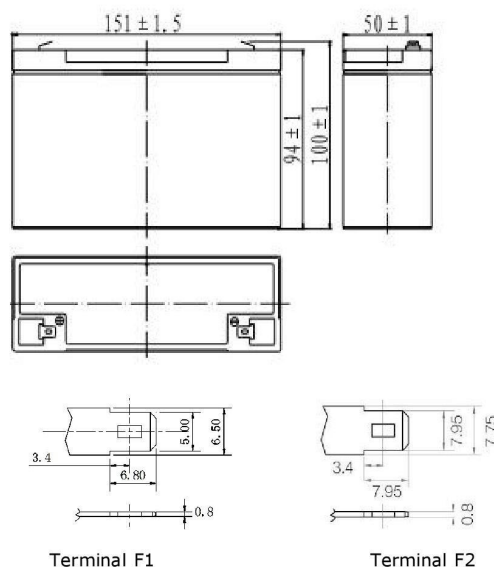


Specifications

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. 1.95kg(+ -3%)	
Terminal Type	F1/F2	
container Material	ABS(UL-94HB)	
Internal Resistance	Approx.6mΩ	
Rated Capacity	12.0AH	(20hr, 1.70V/cell,25℃/77℉)
	11.0AH	(10hr, 1.75V/cell,25℃/77℉)
	10.2AH	(5hr, 1.75V/cell,25℃/77℉)
	9.4AH	(3hr, 1.70V/cell,25℃/77℉)
	7.2AH	(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%

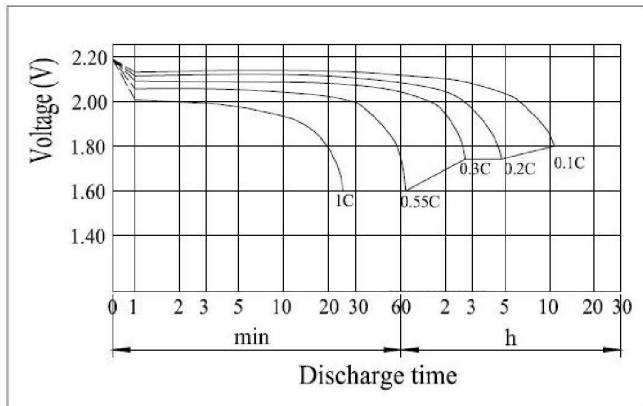

Dimensions

Constant Power Discharge at 25℃(77℉)

F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	6h	10h	20h
1.80V/cell	81.4	52.7	38.6	24.3	12.9	7.53	6.06	4.78	4.01	3.39	2.08	1.17
1.75V/cell	83.7	53.3	39.0	24.5	13.5	7.72	6.11	4.87	4.04	3.45	2.10	1.17
1.70V/cell	85.8	54.5	39.7	24.8	13.9	7.91	6.21	4.93	4.08	3.49	2.12	1.17
1.67V/cell	86.9	55.2	41.7	25.2	14.2	8.10	6.27	4.97	4.12	3.50	2.14	1.18
1.60V/cell	88.5	59.0	43.6	25.8	14.4	8.29	6.36	5.05	4.16	3.54	2.16	1.18

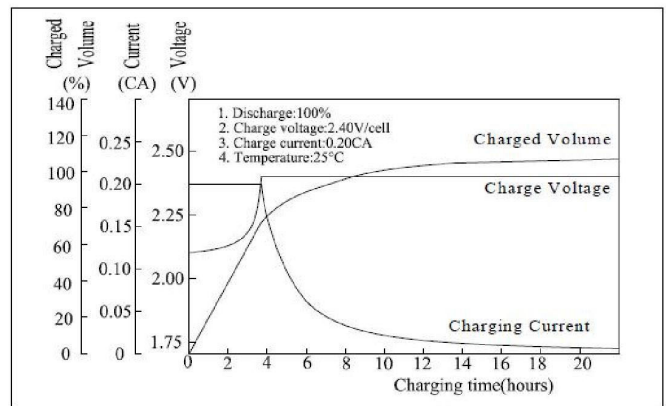
Constant Current Discharge at 25℃(77℉)

F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	6h	10h	20h
1.80V/cell	41.3	26.8	19.6	12.3	6.55	3.82	3.07	2.43	2.03	1.72	1.06	0.59
1.75V/cell	42.5	27.1	19.8	12.4	6.87	3.92	3.10	2.47	2.05	1.75	1.07	0.59
1.70V/cell	43.6	27.6	20.2	12.6	7.08	4.02	3.15	2.50	2.07	1.77	1.08	0.60
1.67V/cell	44.1	28.0	21.1	12.8	7.23	4.11	3.18	2.52	2.09	1.78	1.09	0.60
1.60V/cell	44.9	30.0	22.1	13.1	7.31	4.21	3.23	2.56	2.11	1.80	1.10	0.60

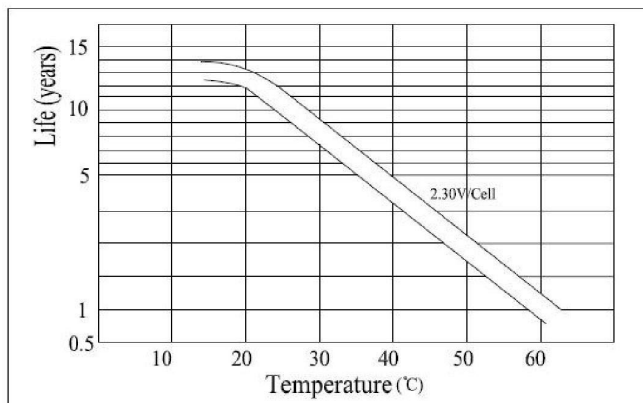
Discharge Characteristics



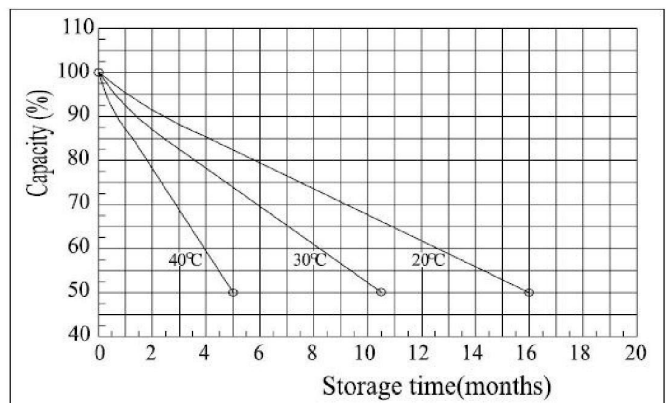
Float Charging Characteristics



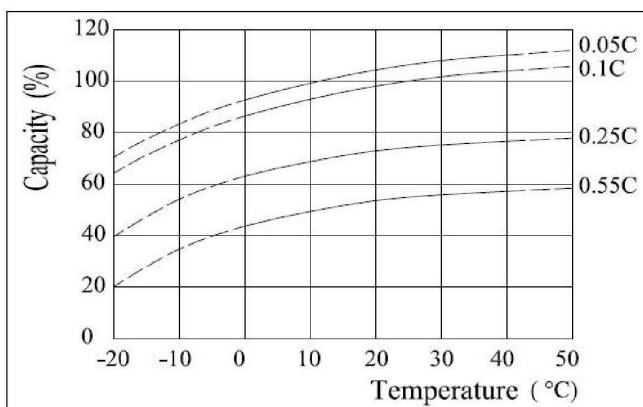
Floating Life on Temperature



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



Temperature Effects in Relation to Battery Capacity



Cycle Life Relation to Depth of Discharge

