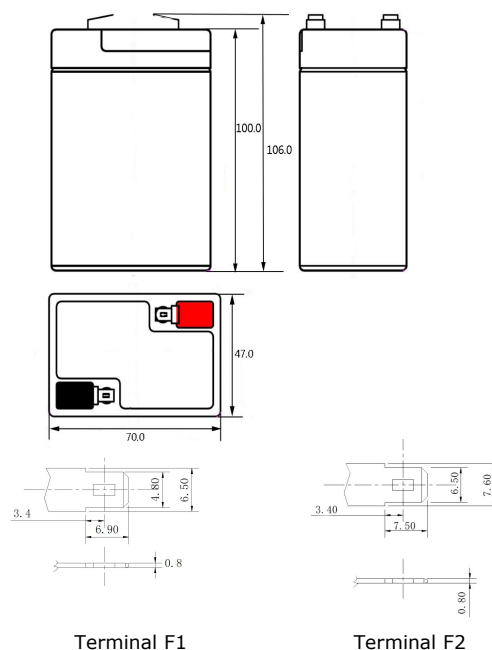


Specifications

Nominal Voltage	6V	
Nominal Capacity(20hr)	4.5AH	
Dimension	Length	70±2mm(2.76inch)
	Width	47±2mm(1.85inch)
	Height	100±2mm(3.94inch)
	Total Height	106±2mm(4.17inch)
Approx Weight	Approx. 0.72kg(+/-3%)	
Terminal Type	F1/F2	
container Material	ABS(UL-94HB)	
Internal Resistance	Approx.12mΩ	
Rated Capacity	4.50AH	(20hr, 1.75V/cell,25°C/77°F)
	4.30AH	(10hr, 1.75V/cell,25°C/77°F)
	3.80AH	(5hr, 1.75V/cell,25°C/77°F)
	3.55AH	(3hr, 1.75V/cell,25°C/77°F)
	2.60AH	(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	
	7.05V~7.35V@25°C(77°F)Temp. Coefficient -30mV/°C	
Floating Use	6.75V~6.90V@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



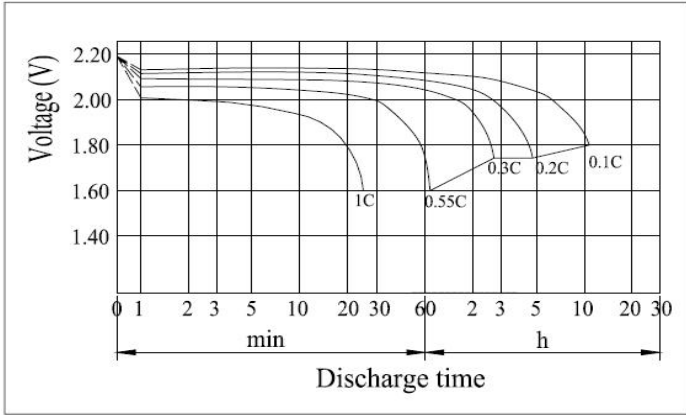
Constant Power Discharge at 25°C(77°F)

F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	6h	10h	20h
1.80V/cell	29.3	21.0	16.7	10.0	5.75	3.08	2.54	1.94	1.68	1.34	0.86	0.44
1.75V/cell	29.9	21.4	17.0	10.2	5.86	3.15	2.59	1.98	1.71	1.37	0.87	0.45
1.70V/cell	30.8	22.1	17.6	10.5	6.03	3.24	2.67	2.05	1.77	1.41	0.90	0.46
1.67V/cell	32.0	22.9	18.2	10.9	6.26	3.11	2.78	2.12	1.83	1.46	0.93	0.48
1.60V/cell	33.8	24.2	19.3	11.5	6.62	3.55	2.93	2.24	1.92	1.55	0.96	0.49

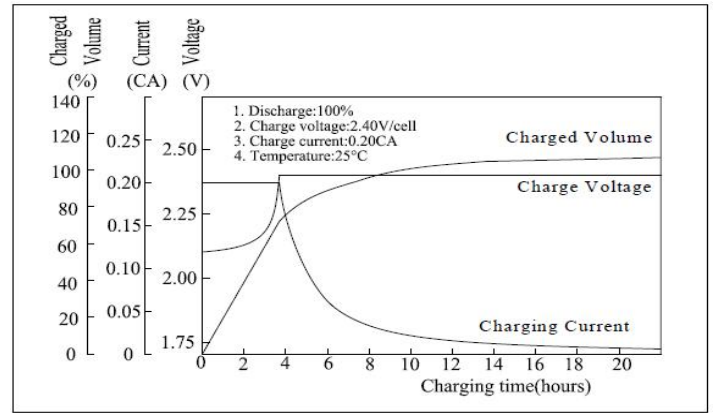
Constant Current Discharge at 25°C(77°F)

F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	6h	10h	20h
1.80V/cell	14.9	10.7	8.5	5.1	2.92	1.56	1.29	0.99	0.85	0.68	0.43	0.22
1.75V/cell	15.2	10.9	8.7	5.2	2.97	1.59	1.32	1.01	0.87	0.69	0.44	0.23
1.70V/cell	15.6	11.2	8.9	5.3	3.06	1.64	1.35	1.04	0.90	0.71	0.46	0.24
1.67V/cell	16.2	11.6	9.3	5.5	3.18	1.71	1.41	1.08	0.93	0.74	0.47	0.24
1.60V/cell	17.1	12.3	9.8	5.9	3.36	1.80	1.49	1.14	0.95	0.77	0.48	0.24

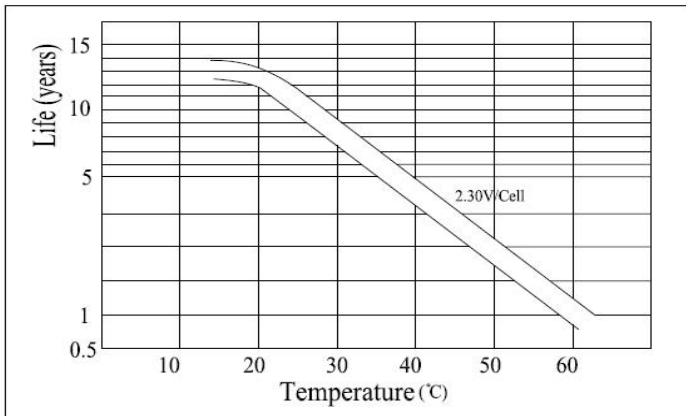
Discharge Characteristics



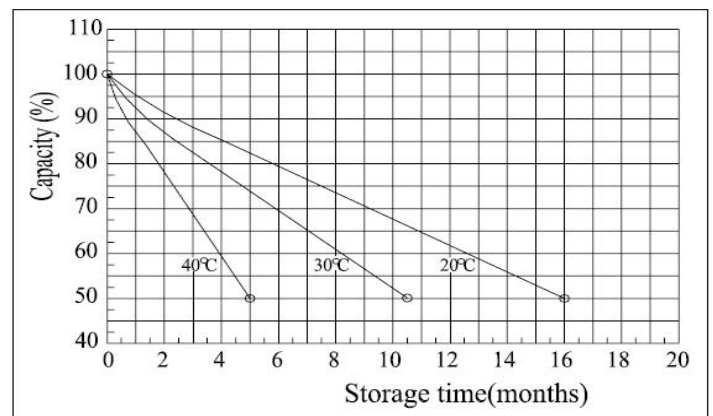
Float Charging Characteristics



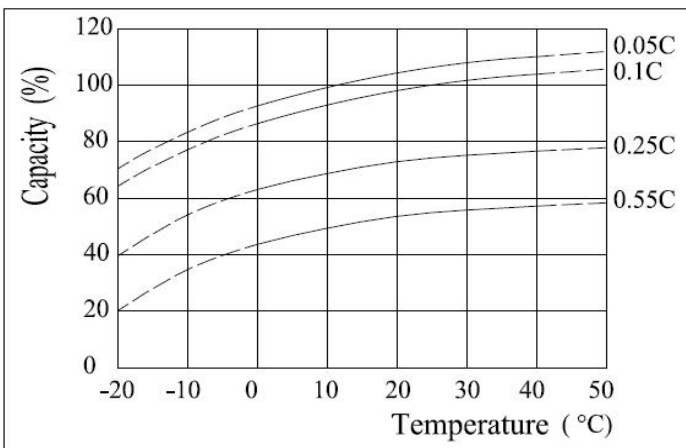
Floating Life on Temperature



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



Temperature Effects in Relation to Battery Capacity



Cycle Life Relation to Depth of Discharge

