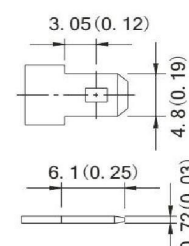
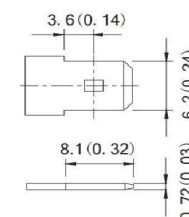


Specifications

Nominal Voltage	6V	
Nominal Capacity(20hr)	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. 0.8kg(+ -3%)	
Terminal Type	F1	
container Material	ABS(UL-94HB)	
Internal Resistance	Approx.12mΩ	
Rated Capacity	5.00AH	(20hr, 1.75V/cell,25℃/77℉)
	4.80AH	(10hr, 1.75V/cell,25℃/77℉)
	4.70AH	(5hr, 1.75V/cell,25℃/77℉)
	4.25AH	(3hr, 1.75V/cell,25℃/77℉)
	3.20AH	(1hr, 1.75V/cell,25℃/77℉)
Max. Discharge Current	105A(5S)	
Nominal Operating Temp. Range	Limit of operating temperature (minimum -05℃ and +45℃)	
Cycle Use	Charge Current Less Than 0.25CA 7.05V~7.35V@25℃(77℉)Temp. Coefficient -30mV/℃	
Floating Use	6.75V~6.90V@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%

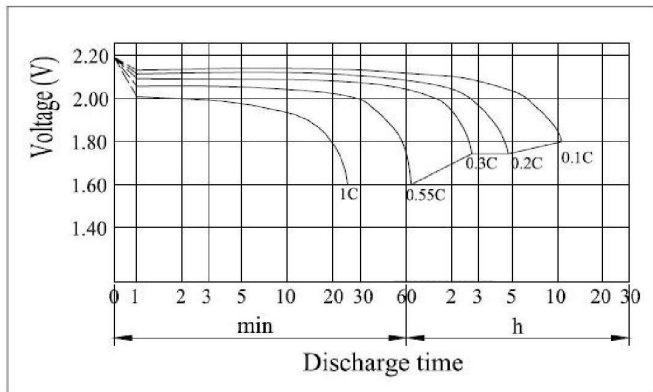

Terminal Type
Terminal F1

Terminal F2

Constant Power Discharge at 25℃(77℉)

F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	6h	10h	20h
1.80V/cell	32.2	23.1	18.3	11.0	6.30	3.38	2.79	2.13	1.85	1.47	0.94	0.49
1.75V/cell	32.8	23.5	18.7	11.2	6.42	3.45	2.84	2.17	1.88	1.50	0.95	0.50
1.70V/cell	33.8	24.2	19.3	11.5	6.62	3.55	2.93	2.24	1.94	1.54	0.98	0.51
1.67V/cell	35.1	25.1	20.0	12.0	6.87	3.41	3.04	2.32	2.01	1.60	1.03	0.53
1.60V/cell	37.1	26.6	21.1	12.7	7.26	3.90	3.22	2.46	2.11	1.69	1.06	0.54

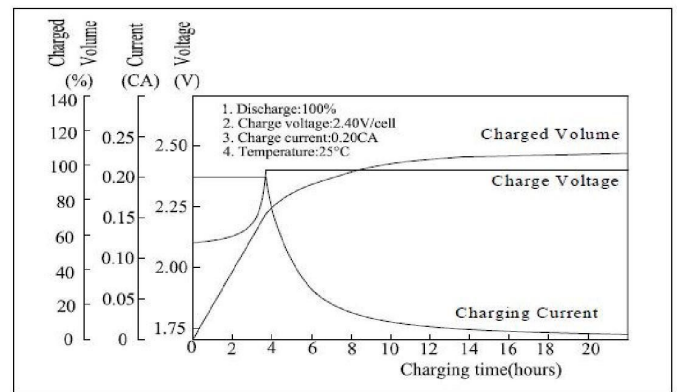
Constant Current Discharge at 25℃(77℉)

F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	6h	10h	20h
1.80V/cell	16.5	11.8	9.41	5.64	3.23	1.73	1.43	1.09	0.95	0.76	0.48	0.25
1.75V/cell	16.8	12.1	9.59	5.74	3.29	1.77	1.46	1.11	0.96	0.77	0.49	0.26
1.70V/cell	17.3	12.4	9.88	5.92	3.39	1.82	1.50	1.15	0.99	0.79	0.51	0.26
1.67V/cell	18.0	12.9	10.3	6.15	3.52	1.89	1.56	1.19	1.03	0.82	0.52	0.26
1.60V/cell	19.0	13.6	10.8	6.50	3.72	2.00	1.65	1.26	1.05	0.85	0.53	0.26

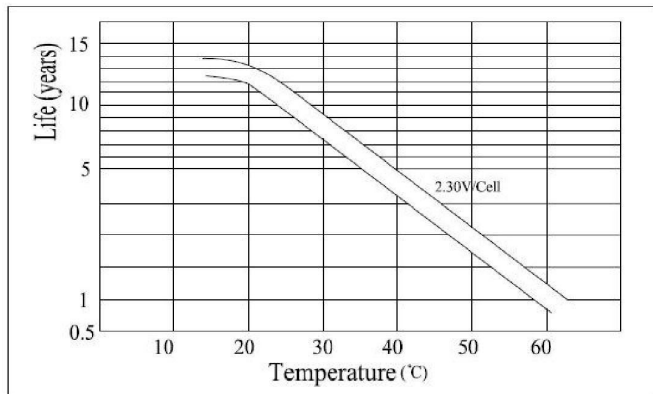
Discharge Characteristics



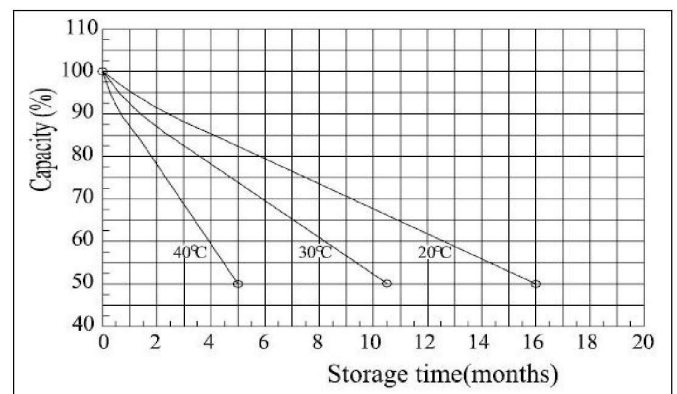
Float Charging Characteristics



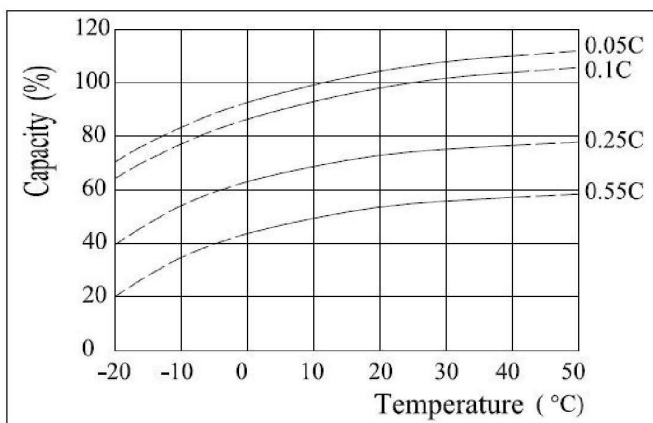
Floating Life on Temperature



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



Temperature Effects in Relation to Battery Capacity



Cycle Life Relation to Depth of Discharge

