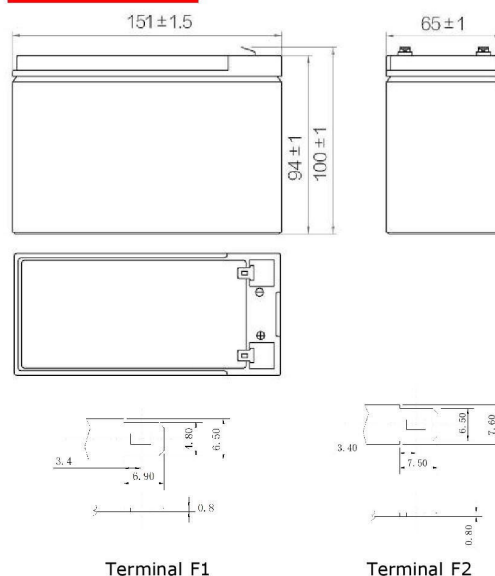


Specifications

Nominal Voltage	12V	
Nominal Capacity(20hr)	7.5AH	
Dimension	Length	151±2mm(5.94inch)
	Width	65±2mm(2.56inch)
	Height	94±2mm(3.7inch)
	Total Height	98±2mm(3.86inch)
Approx Weight	Approx. 2.28kg(+ -3%)	
Terminal Type	F2	
container Material	ABS(UL-94HB)	
Internal Resistance	Approx.18mΩ	
Rated Capacity	7.5AH	(20hr, 1.75V/cell,25°C/77°F)
	6.9AH	(10hr, 1.75V/cell,25°C/77°F)
	6.3AH	(5hr, 1.70V/cell,25°C/77°F)
	5.8AH	(3hr, 1.70V/cell,25°C/77°F)
	3.9AH	(1hr, 1.60V/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	
	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%

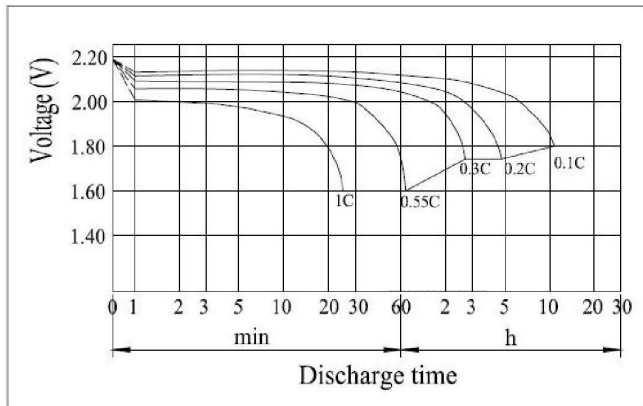

Dimensions

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	38.7	27.4	20.4	11.9	6.83	4.68	3.59	2.84	2.35	2.00	1.28	0.71
1.75V/cell	39.4	27.9	20.8	12.1	6.95	4.76	3.67	2.90	2.39	2.04	1.30	0.73
1.70V/cell	42.9	29.5	22.0	12.6	7.07	4.86	3.73	2.95	2.44	2.07	1.32	0.74
1.67V/cell	43.3	32.0	23.9	13.3	7.16	4.90	3.77	2.98	2.46	2.09	1.34	0.75
1.60V/cell	44.9	31.8	23.8	13.8	7.24	4.96	3.81	3.01	2.49	2.12	1.35	0.75

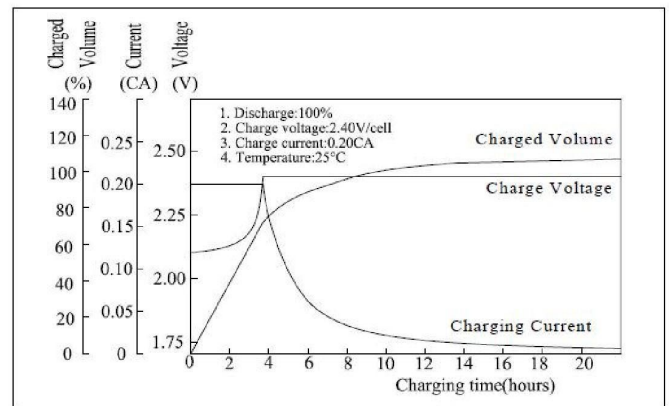
Constant Current Discharge at 25°C(77°F)

F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	6h	10h	20h
1.80V/cell	20.3	14.4	10.7	6.24	3.60	2.46	1.89	1.50	1.24	1.05	0.67	0.37
1.75V/cell	20.7	14.7	10.9	6.35	3.66	2.50	1.93	1.52	1.26	1.07	0.69	0.38
1.70V/cell	22.6	15.5	11.6	6.61	3.72	2.56	1.96	1.55	1.28	1.09	0.70	0.39
1.67V/cell	22.8	16.9	12.6	6.98	3.77	2.58	1.98	1.57	1.30	1.10	0.70	0.39
1.60V/cell	23.6	16.7	12.5	7.28	3.81	2.61	2.00	1.58	1.31	1.11	0.71	0.40

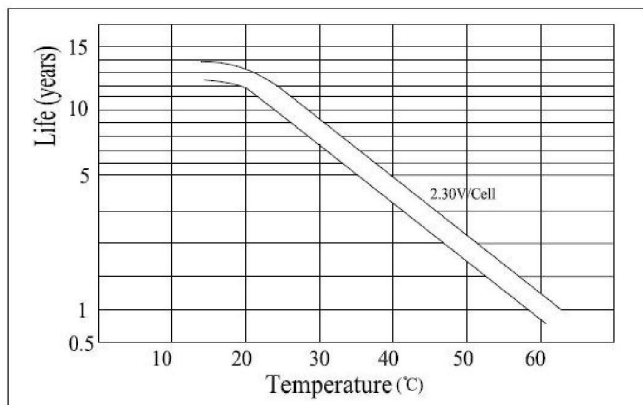
Discharge Characteristics



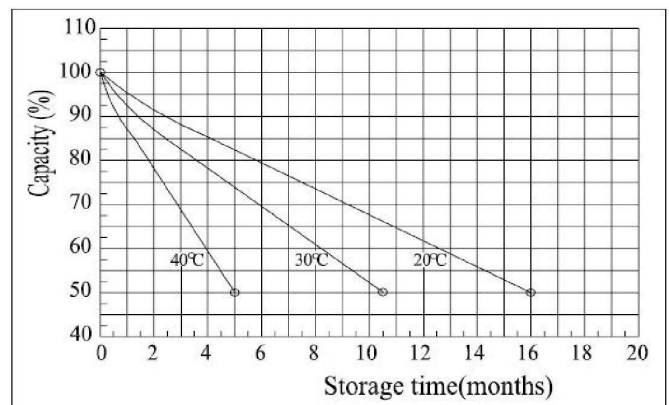
Float Charging Characteristics



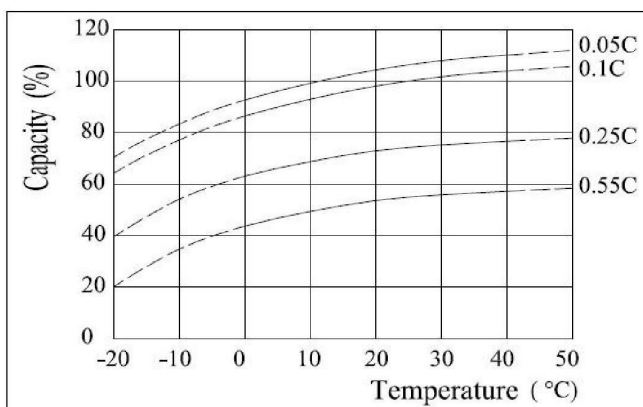
Floating Life on Temperature



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



Temperature Effects in Relation to Battery Capacity



Cycle Life Relation to Depth of Discharge

