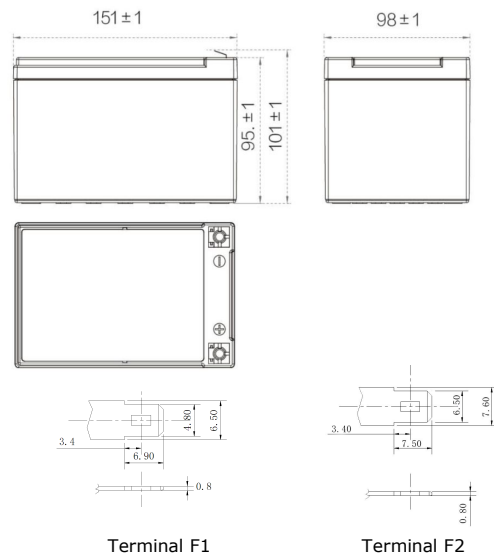


Specifications

Nominal Voltage	12V	
Nominal Capacity(20hr)	12AH	
Dimension	Length	151±2mm(5.94inch)
	Width	98±2mm(3.86inch)
	Height	94±2mm(3.70inch)
	Total Height	98±2mm(3.86inch)
Approx Weight	Approx. 3.9kg(+ -4%)	
Terminal Type	F1/F2	
container Material	ABS(UL-94HB)	
Internal Resistance	Approx.18mΩ	
Rated Capacity	12.2AH	(20hr, 1.70V/cell,25°C/77°F)
	11.4AH	(10hr, 1.75V/cell,25°C/77°F)
	10.2AH	(5hr, 1.75V/cell,25°C/77°F)
	10.0AH	(3hr, 1.70V/cell,25°C/77°F)
	7.2AH	(1hr, 1.60V/cell,25°C/77°F)
Max. Discharge Current	120A(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%



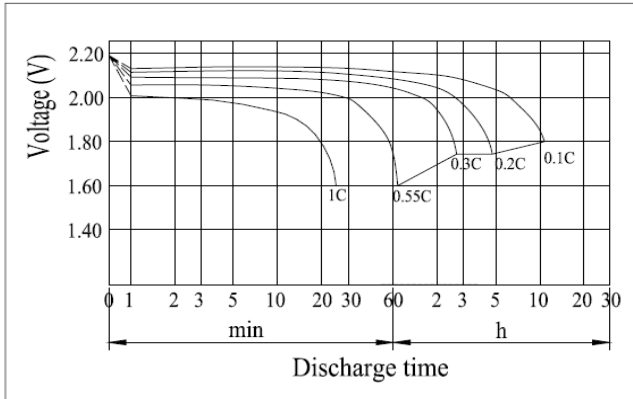
Dimensions



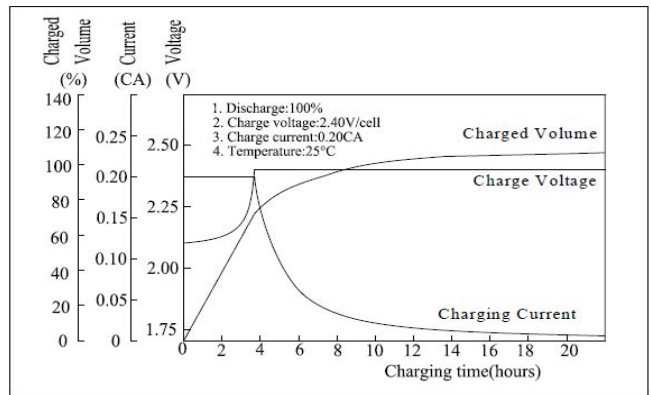
Constant Power Discharge at 25°C(77°F)												
F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	6h	10h	20h
1.80V/cell	85.5	55.4	41.8	25.5	13.5	7.91	6.36	5.02	4.21	3.56	2.19	1.22
1.75V/cell	87.9	56.0	43.1	25.7	14.2	8.11	6.42	5.12	4.25	3.62	2.21	1.23
1.70V/cell	90.1	57.2	44.9	26.1	14.6	8.31	6.52	5.18	4.29	3.66	2.23	1.23
1.67V/cell	91.3	58.0	45.8	26.4	14.9	8.51	6.58	5.22	4.33	3.68	2.25	1.23
1.60V/cell	92.9	62.0	48.9	27.1	15.1	8.71	6.68	5.30	4.37	3.72	2.27	1.24

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	43.4	28.1	20.6	12.9	6.87	4.01	3.23	2.55	2.14	1.81	1.11	0.62
1.75V/cell	44.6	28.4	20.8	13.0	7.21	4.11	3.26	2.60	2.16	1.84	1.12	0.62
1.70V/cell	45.7	29.0	21.2	13.2	7.44	4.22	3.31	2.63	2.18	1.86	1.13	0.63
1.67V/cell	46.3	29.4	22.2	13.4	7.59	4.32	3.34	2.65	2.20	1.87	1.14	0.63
1.60V/cell	47.2	31.5	23.2	13.7	7.68	4.42	3.39	2.69	2.22	1.89	1.15	0.63

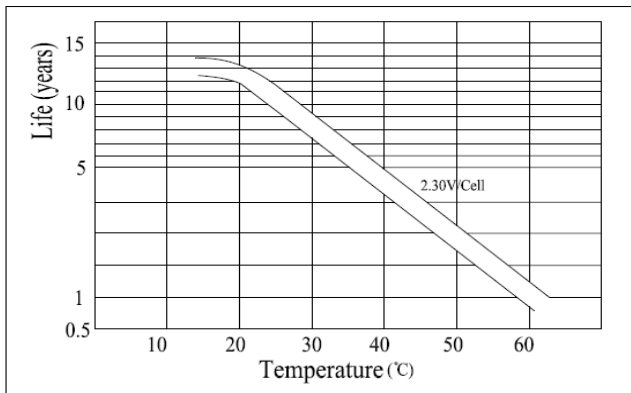
Discharge Characteristics



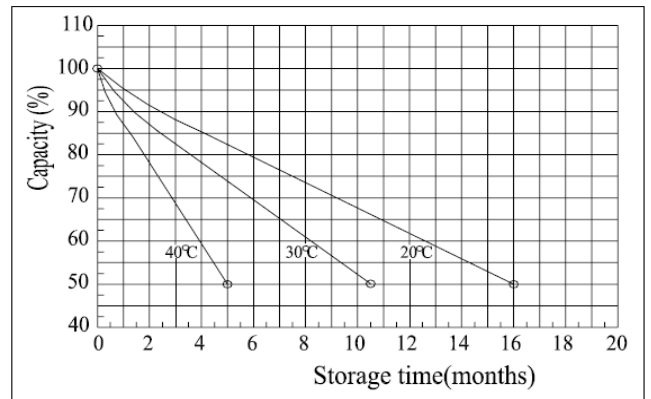
Float Charging Characteristics



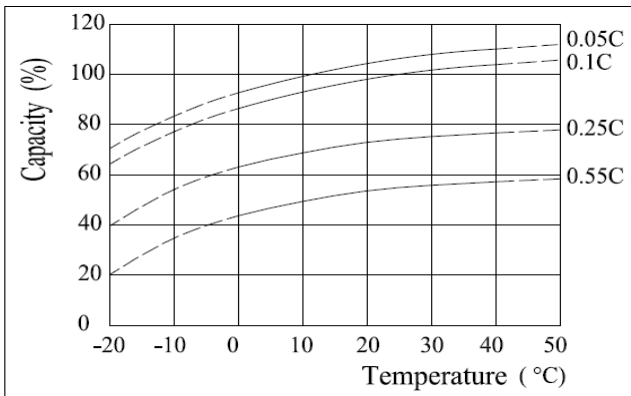
Floating Life on Temperature



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



Temperature Effects in Relation to Battery Capacity



Cycle Life Relation to Depth of Discharge

