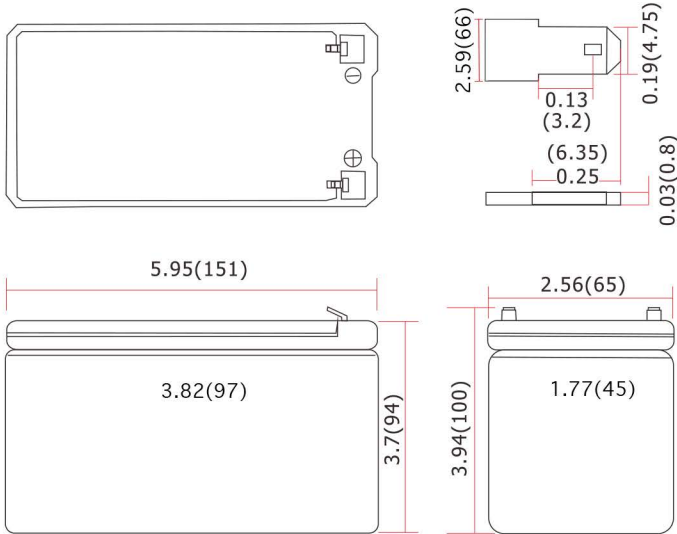
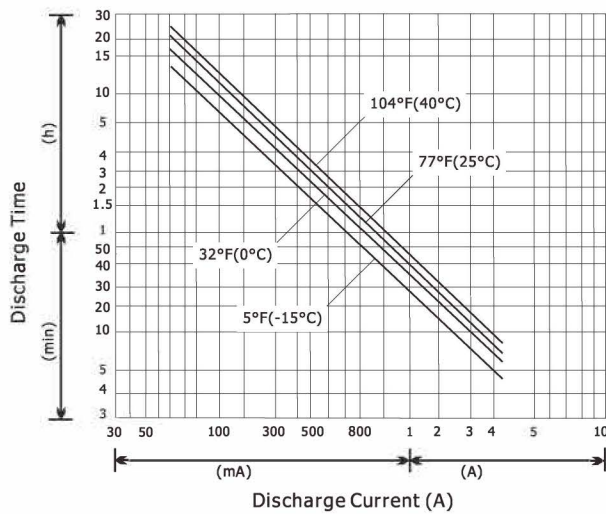


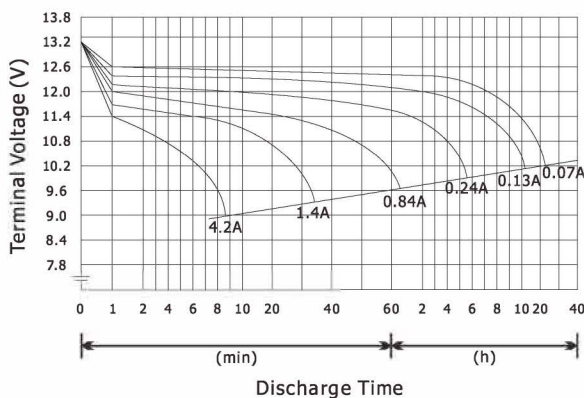
Unit:inch(mm)



### Discharge Current and Discharge Duration Time



Discharge Curves 77°F(25°C)



### Specification

Rated Voltage	12V	
Nominal Capacity(25°C)	7.2Ah(C <sub>20</sub> ,12V)	
Dimension	Length	151±2mm(5.94 inch)
	Width	65±2mm(2.56 inch)
	Container Height	94±2mm(3.70 inch)
	Total Height	100±2mm(3.94 inch)
Weight±3%	1.97Kg(4.34 lbs)	
Terminal	F1	
Container Material	ABS	
<b>Characteristics</b>		
Rated Capacity (25°C)	5.65Ah	(5HR,1.13A,10.5V)
	5.10Ah	(3HR,1.70A,10.2V)
	3.70Ah	(1HR,3.70A,9.6V)
Full charged Internal Resistance(25°C)	Approx.32mΩ	
Operating Temp. Range	Discharge	-20°C~50°C(-4°F~122°F)
	Charge	-20°C~40°C(-4°F~104°F)
	Storage	-20°C~40°C(-4°F~104°F)
Nominal Operating Temp.Range	25+3°C(77±5°F)	
Max.Charging Current(25°C)	2.1A	
Charge Voltage (25°C)	Cycle	14.5~14.9V
	Float	-30mV/°C
	Temp. Coefficient	13.6~13.8V
	Temp. Coefficient	-18mV/°C
Self Discharge(25°C)	≤3% per month	

\*\*These data are average values obtained from three Charge/Discharge cycles. Note: These are NOT minimum values.

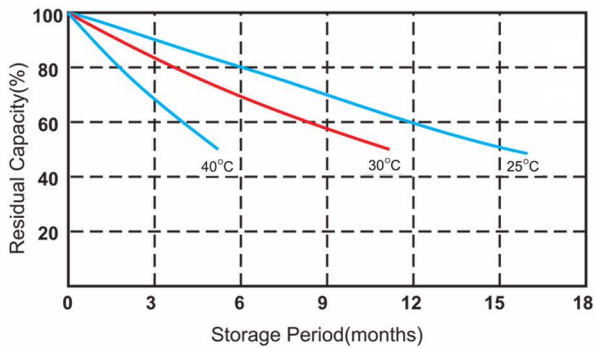
### Constant Current Discharge Characteristics (A, 25°C)

F.V./Time	5min	10min	15min	20min	1h	2h	3h	4h	5h	8h	10h	20h
9.60V	22.5	13.5	10.5	8.3	3.70	2.25	1.72	1.35	1.16	0.790	0.650	0.360
10.02V	21.5	13.0	10.4	8.1	3.63	2.23	1.71	1.32	1.15	0.782	0.642	0.356
10.20V	21.0	12.7	10.3	8.0	3.60	2.22	1.70	1.30	1.14	0.776	0.636	0.354
10.50V	19.2	12.0	10.1	7.8	3.55	2.19	1.68	1.29	1.13	0.768	0.628	0.350
10.80V	11.0	11.0	9.8	7.6	3.50	2.17	1.67	1.27	1.12	0.760	0.620	0.340

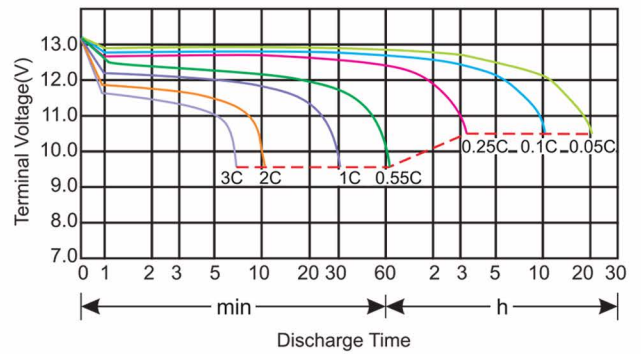
### Constant Current Discharge Characteristics (W, 25°C)

F.V./Time	5min	10min	15min	20min	30min	1h	2h	3h	4h	5h	8h	10h	20h
9.60V	234.0	147.4	115.5	91.3	72.8	43.3	26.3	20.2	15.9	13.7	9.42	7.77	4.31
10.02V	225.8	142.0	114.5	89.2	72.0	42.5	26.1	20.1	15.5	13.6	9.32	7.67	4.26
10.20V	222.5	138.7	113.4	88.1	71.5	42.1	26.0	20.0	15.4	13.5	9.25	7.60	4.24
10.50V	206.6	131.8	112.1	86.6	70.7	41.5	25.7	19.7	15.2	13.4	9.15	7.50	4.19
10.80V	197.3	122.5	109.5	84.9	68.6	41.0	25.4	19.6	15.0	13.2	9.06	7.41	4.07

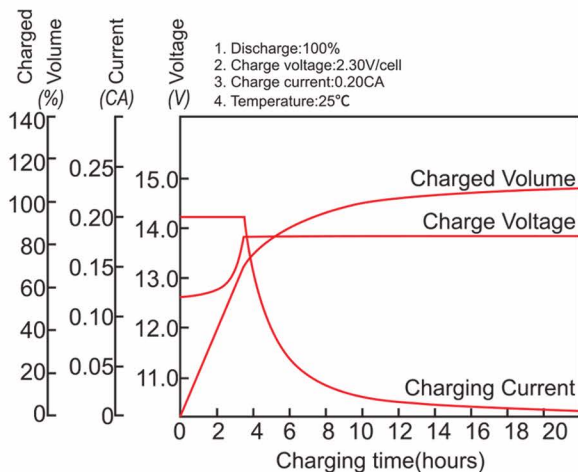
### Residual Capacity



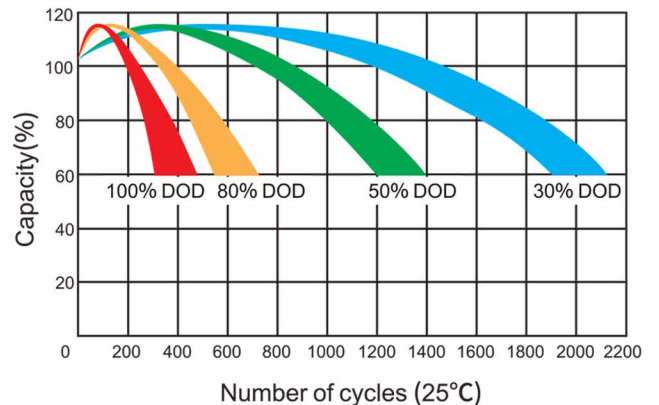
### Discharge Current 25°C



### Constant voltage charging characteristics



### Cycle service life in relation to the depth of discharge



★The above are average and data obtained from the first 3 charge/discharge cycles. These are not minimum values.