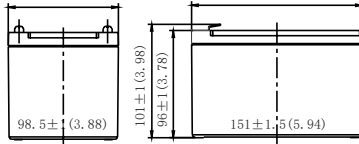
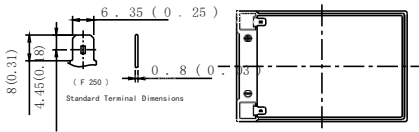




Smaller Size SUB batteries enjoy excellent discharge performance, and they have low self-discharge and large-current resistance capacity. SUB Series batteries are capable for a wide range of applications. Their designed service life is 3-5 years, and we provide 12-36 months quality warranty for them. Our batteries can meet with many demanding technical and quality requirements for our customers.



Application

- ◆ Emergency lighting
- ◆ Security and burglar alarm systems
- ◆ Electric toys and power tools
- ◆ Telephone and telecommunication equipment
- ◆ Computer UPS
- ◆ Medical equipments and instruments

General Specifications

Designed Service Life	3-5 years			
Capacity(25 °C)	20HR	10HR	5HR	1HR
	12.0AH	11.5AH	10.5AH	8.0AH
Dimension:mm(inch)	Length	Width	Height	Total Height
	151(5.94)	98.5(3.88)	96(3.78)	101(3.98)
Approx.Weight	3.5Kg(7.72lbs)			
Internal Resistance	Fully charged at 25 °C :10mΩ			
Self-discharge	3% of capacity declined per month at 25 °C			
Capacity Affected by Temp.(20HR)	40 °C	25 °C	0 °C	- 15 °C
	105%	100%	90%	80%
Charge Voltage(25 °C)	Cycle use		Stand-by use	
	14.40-15.00V(-30mV/°C)		13.50-13.80V(-20mV/°C)	
	Max.Current:3.6A			

Constant Current Discharge Data Sheet (Amperes at 25 °C)

End Voltage	Minute (s)				Hour (s)							
	5min	10min	15min	30min	1h	2h	3h	4h	5h	8h	10h	20h
9.6	47.5	31.1	23.1	15.2	7.92	4.54	3.31	2.65	2.26	1.49	1.19	0.62
10.2	43.6	29.8	21.2	14.4	7.44	4.35	3.21	2.57	2.20	1.47	1.18	0.61
10.5	38.6	27.8	19.8	14.0	7.19	4.27	3.16	2.44	2.18	1.44	1.16	0.60
10.8	35.9	26.6	18.5	13.6	6.95	4.16	3.10	2.40	2.09	1.40	1.12	0.59
11.1	33.0	25.1	17.2	13.2	6.71	4.05	2.94	2.35	2.00	1.37	1.10	0.57

Constant Power Discharge Data Sheet (Watts at 25 °C)

End Voltage	Minute (s)				Hour (s)							
	5min	10min	15min	30min	1h	2h	3h	4h	5h	8h	10h	20h
9.6	535	336	254	154	87.2	51.0	37.5	30.1	25.6	16.9	13.8	7.56
10.2	494	318	239	153	81.9	49.0	36.5	29.2	25.1	16.6	13.5	7.35
10.5	452	309	228	152	79.5	48.1	35.9	27.7	24.9	16.4	13.4	7.30
10.8	410	299	220	151	77.2	47.0	35.4	27.4	23.8	15.8	13.1	7.14
11.1	368	289	209	150	76.1	46.7	34.4	27.3	23.3	15.2	12.9	7.09

