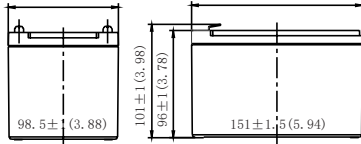
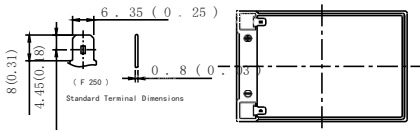




Smaller Size SUB batteries enjoy excellent discharge performance, and they have low self-discharge and large-current resistance capacity. SUB Series batteries are capable for a wide range of applications. Their designed service life is 3-5 years, and we provide 12-36 months quality warranty for them. 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
	22.0AH	20.9AH	18.7AH	14.5AH
Dimension:mm(inch)	Length	Width	Height	Total Height
	181(7.13)	77(3.03)	167(6.57)	167(6.57)
Approx.Weight	5.90Kg(13.01lbs)			
Internal Resistance	Fully charged at 25 °C :6.7mΩ			
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:6.6A			

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	87.1	57.1	42.4	27.8	14.5	8.32	6.06	4.86	4.14	2.73	2.18	1.14
10.2	79.9	54.7	38.9	26.4	13.6	7.98	5.89	4.71	4.04	2.69	2.16	1.12
10.5	70.8	51.0	36.3	25.6	13.2	7.82	5.79	4.47	4.00	2.65	2.12	1.10
10.8	65.7	48.8	33.9	25.0	12.7	7.62	5.69	4.39	3.83	2.57	2.06	1.08
11.1	60.5	46.0	31.5	24.2	12.3	7.43	5.39	4.32	3.67	2.51	2.02	1.05

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	981	616	466	282	160	93.6	68.8	55.2	46.9	30.9	25.3	13.9
10.2	905	583	438	280	150	89.9	66.9	53.5	46.0	30.4	24.8	13.5
10.5	828	566	419	279	146	88.2	65.7	50.8	45.7	30.1	24.6	13.4
10.8	751	549	403	276	141	86.2	65.0	50.2	43.7	28.9	24.1	13.1
11.1	674	530	384	274	140	85.7	63.0	50.1	42.7	27.9	23.6	13.0

