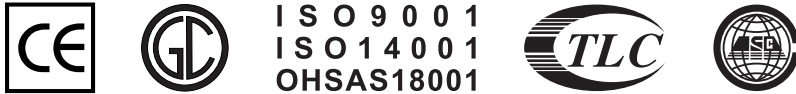
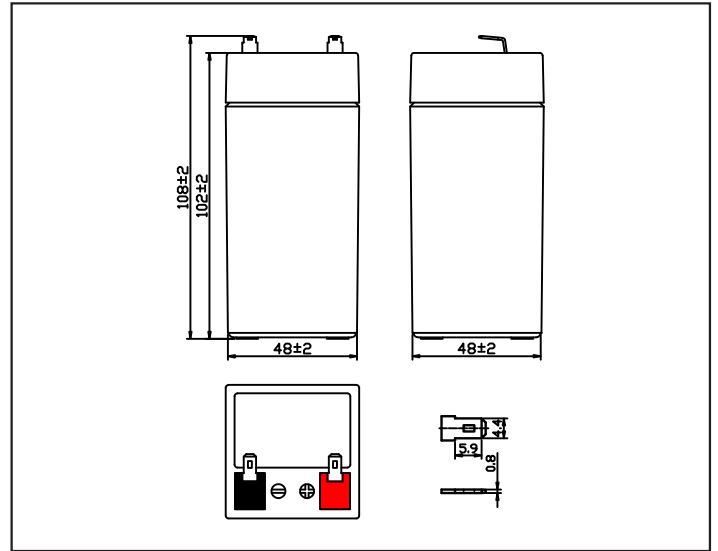


## MODEL: D4-4 (4V 4AH@C20)



### Plane Chart:

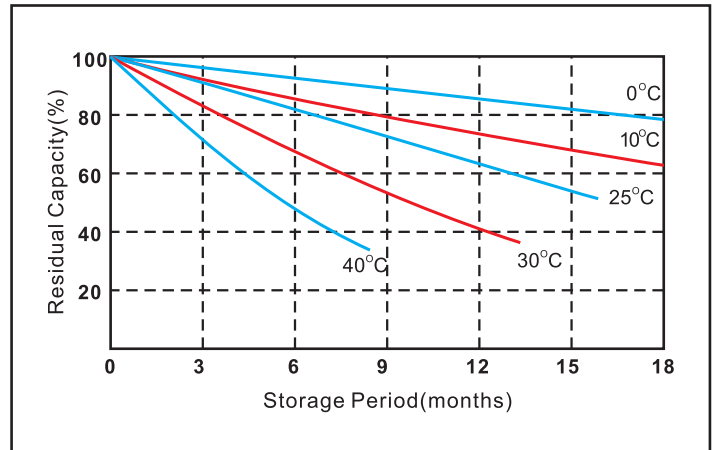
Unit:(mm) Terminal type:(F1)



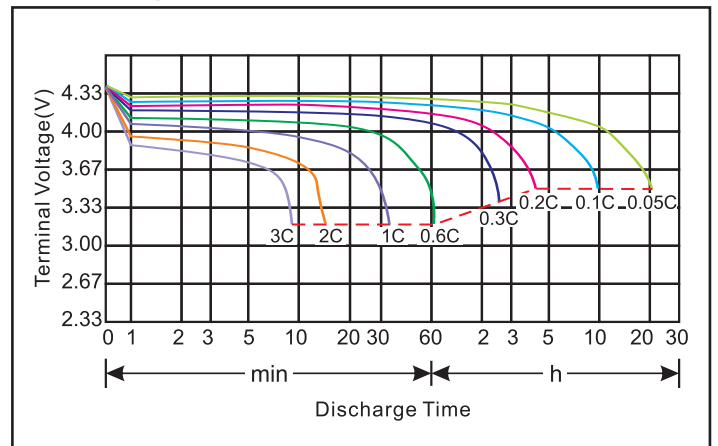
### Parameter Chart:

Volts		4V	
Capacity(25°C)	20 hours rate (0.20A)	4Ah	
Discharge Current Testing (25°C)	20 I <sub>20</sub> rate (4A,27min)	36min	
	60 I <sub>20</sub> rate (12A,7min)	8min	
Internal Resistance	Full Charged Battery 25°C	10mΩ	
Capacity Affected By Temperature	40°C	104%	
	25°C	100%	
	0°C	83%	
	-15°C	65%	
Residual Capacity (25°C)	Capacity After 3 Months Storage	91%	
	Capacity After 6 Months Storage	82%	
	Capacity After 12 Months Storage	65%	
Charge (Constant Voltage)	Cycle (25°C)	Initial Charging Current Less Than 1.2A Voltage 4.82~4.96V	
	Float (25°C)	Charge Voltage 4.52~4.60V	
Weight (Approx)		0.47Kg	

### Residual Capacity



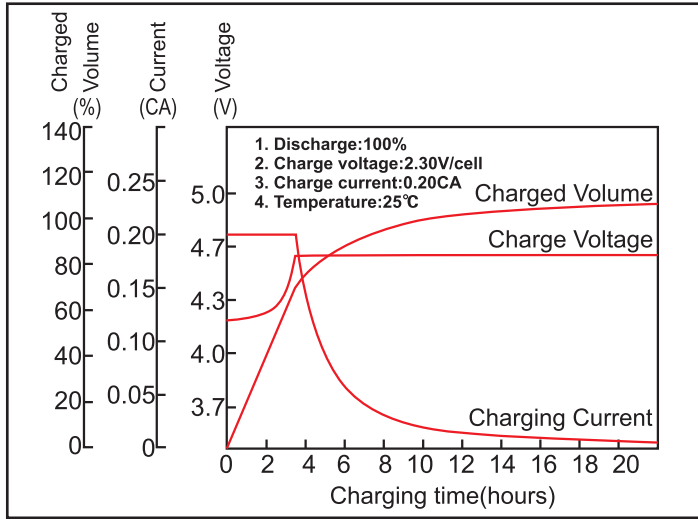
### Discharge Current 25°C



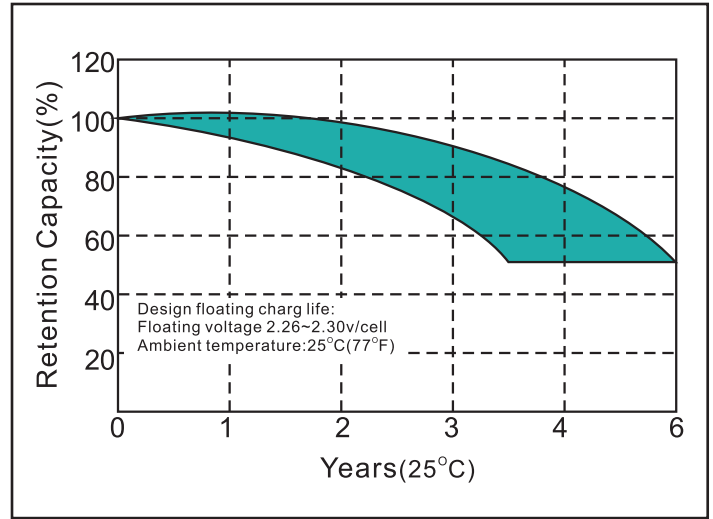
★The above are average and data obtained from the first 3 charge/discharge cycles. These are not minimum values.

## MODEL: D4-4 (4V 4AH@C20)

### Constant voltage charging characteristics



### Float Life



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

F.V/Time	5min	10min	15min	30min	60min	2h	3h	5h	8h	10h	20h
3.2V	13.96	8.90	7.17	4.34	2.41	1.34	0.96	0.66	0.47	0.39	0.22
3.4V	13.28	8.45	6.88	4.17	2.32	1.32	0.94	0.65	0.46	0.38	0.21
3.5V	12.87	8.19	6.71	4.06	2.26	1.31	0.93	0.64	0.46	0.37	0.20
3.6V	12.45	7.92	6.53	3.95	2.20	1.29	0.92	0.63	0.46	0.37	0.20

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

F.V/Time	5min	10min	15min	30min	60min	2h	3h	5h	8h	10h	20h
3.2V	51.82	33.45	27.17	16.58	9.33	5.22	3.80	2.62	1.86	1.57	0.85
3.4V	49.30	31.69	26.16	15.92	8.95	5.15	3.75	2.59	1.84	1.53	0.83
3.5V	47.79	30.69	25.51	15.52	8.73	5.09	3.70	2.55	1.84	1.50	0.82
3.6V	46.28	29.68	24.85	15.12	8.50	5.04	3.65	2.52	1.83	1.47	0.80

### Capacity Factors With Different Temperature

Battery Type		-20°C	-10°C	0°C	5°C	10°C	20°C	25°C	30°C	40°C	45°C
Battery	4V	50%	70%	83%	85%	90%	98%	100%	102%	104%	105%

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