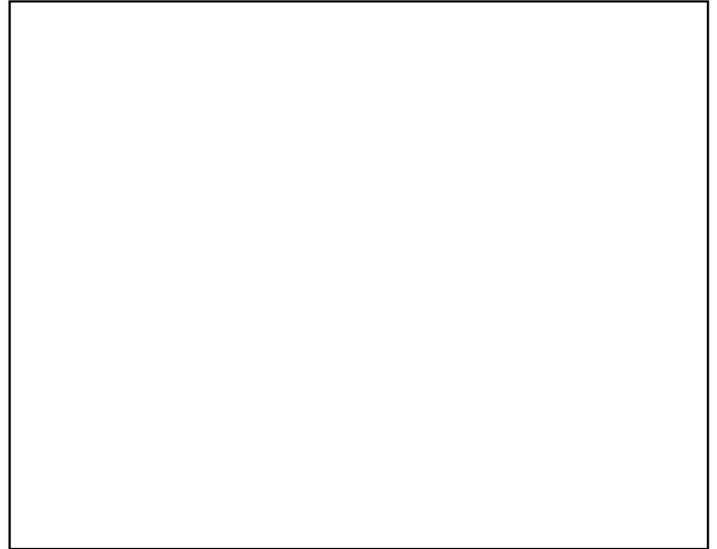


MODEL: CB685-F1 6V8.5AH



Plane Chart:

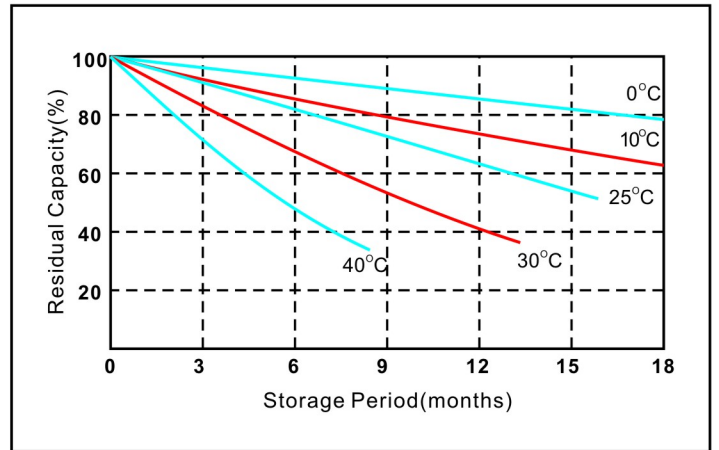
Unit:(mm) Terminal type:(F1)



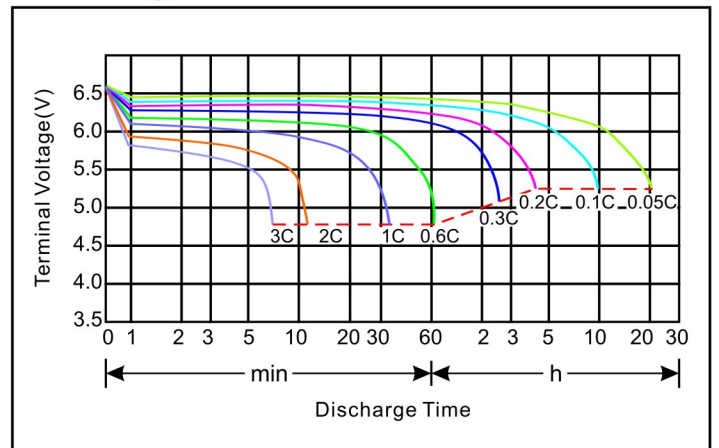
Parameter Chart:

Volts		6V	
Capacity(25°C)	20 hours rate (0.425A)	8.5Ah	
Discharge Current Testing (25°C)	20 I ₂₀ rate (8.5A,27min)	32min	
	60 I ₂₀ rate (25.5A,7min)	7min	
Internal Resistance	Full Charged Battery 25°C	13mΩ	
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 2.55A Voltage 7.25~7.45V	
	Float (25°C)	Charge Voltage 6.8~6.9V	
Weight±3%		1.37Kg	

Residual Capacity



Discharge Current 25°C

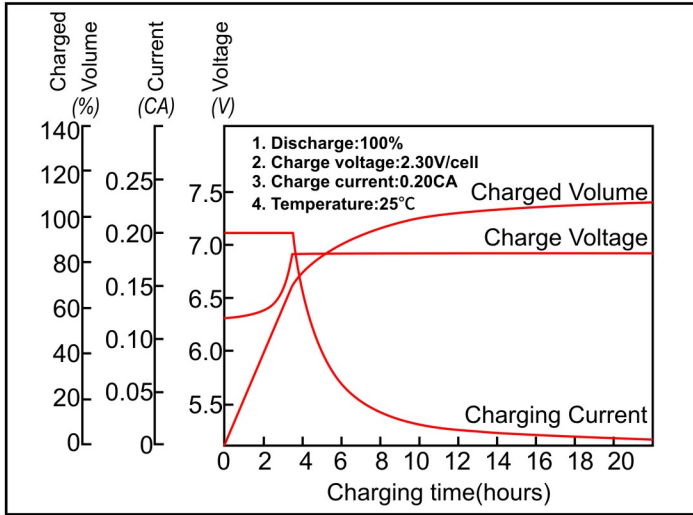


★The above are average and data obtained from the first 3 charge/discharge cycles. These are not minimum values.

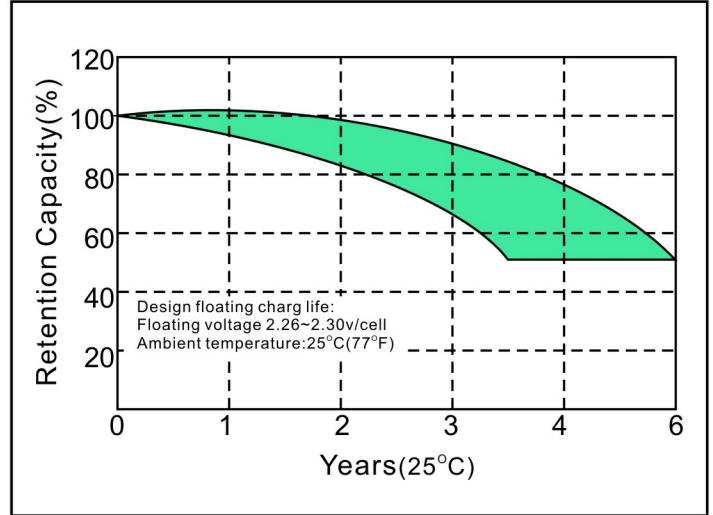
VALVE REGULATED LEAD ACID BATTERY - MINI CAPACITY SERIES

MODEL: CB685-F1 6V8.5AH

Constant voltage charging characteristics



Float Life



Constant Current Discharge Characteristics (A, 25°C)

F.V/Time	5min	10min	15min	20min	30min	1h	2h	3h	4h	5h	8h	10h	20h
4.80V	34.8	23.0	17.8	14.0	9.90	5.70	3.30	2.40	1.86	1.54	1.04	0.86	0.460
5.01V	33.5	22.0	17.4	13.6	9.60	5.62	3.24	2.37	1.83	1.53	1.03	0.85	0.456
5.10V	33.1	21.6	17.0	13.4	9.50	5.57	3.21	2.35	1.81	1.52	1.02	0.84	0.454
5.25V	32.0	20.9	16.4	12.8	9.20	5.45	3.16	2.32	1.78	1.51	1.01	0.83	0.450
5.40V	30.0	19.8	15.7	12.1	8.90	5.32	3.11	2.29	1.75	1.49	1.00	0.82	0.442

Constant Current Discharge Characteristics (Watt, 25°C)

F.V/Time	5min	10min	15min	20min	30min	1h	2h	3h	4h	5h	8h	10h	20h
4.80V	185.5	128.0	102.5	80.6	57.0	33.6	19.4	14.2	11.0	9.1	6.16	5.10	2.76
5.01V	178.9	123.2	100.4	78.3	55.4	33.1	19.1	14.0	10.8	9.0	6.10	5.07	2.73
5.10V	177.4	121.8	98.1	77.2	54.8	32.8	18.9	13.9	10.7	9.0	6.04	5.01	2.72
5.25V	173.1	117.8	95.1	73.7	53.5	32.2	18.7	13.7	10.5	8.9	5.98	4.95	2.70
5.40V	165.0	112.3	91.6	69.7	51.8	31.4	18.4	13.5	10.3	8.8	5.93	4.89	2.65

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	6V	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.