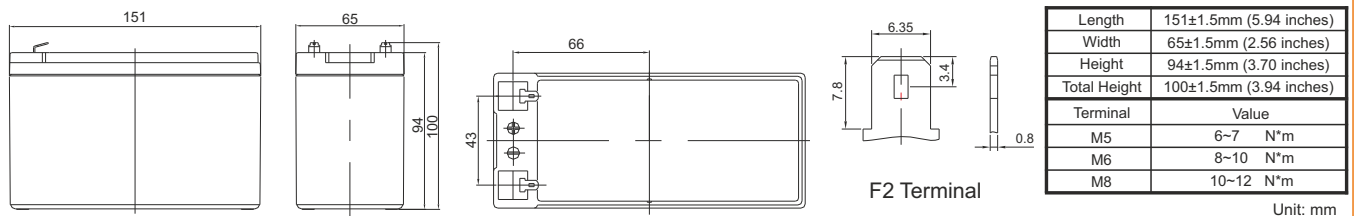


Specification

Cells Per Unit	6
Voltage Per Unit	12
Nominal Capacity	9Ah@20hour-rate to 1.8V per cell @25°C
Weight	Approx. 2.30 Kg (Tolerance ±5.0%)
Internal Resistance	Approx. 22 mΩ
Terminal	F2
Max. Discharge Current	90A (5 sec)
Short Circuit Current	450A
Design Life	6~8 years (Float charging)
Max. Charging Current	2.7 A
Reference Capacity	C3 6.96AH C5 7.85AH C10 8.41AH C20 9.00AH
Standby Use Voltage	13.7 V~13.9 V @ 25°C Temperature Compensation: -3mV/°C /Cell
Cycle Use Voltage	14.6 V~14.8 V @ 25°C Temperature Compensation: -4mV/°C /Cell
Operating Temperature Range	Discharge: -20°C~60°C Charge: 0°C~50°C Storage: -20°C~60°C
Normal Operating Temperature Range	25°C ±5°C
Container Material	A.B.S. UL94-HB, UL94-V0 Optional.



Dimensions



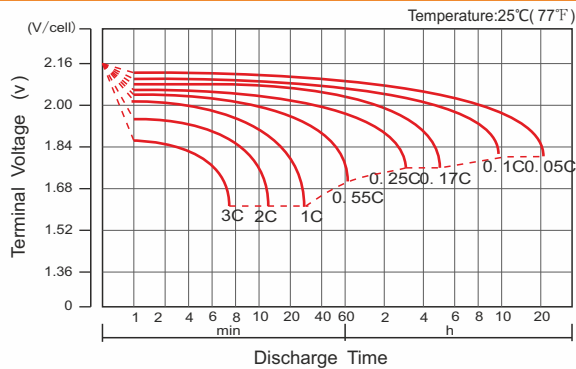
Constant Current Discharge Characteristics : A (25°C)

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	2HR	3HR	4HR	5HR	8HR	10HR	20HR
1.60V	35.17	24.62	17.62	10.12	5.499	3.376	2.538	2.049	1.698	1.093	0.887	0.469
1.65V	32.71	23.26	16.85	9.716	5.310	3.268	2.460	1.994	1.654	1.080	0.877	0.461
1.70V	29.51	21.41	15.78	9.287	5.137	3.161	2.393	1.939	1.611	1.064	0.863	0.456
1.75V	26.44	19.60	14.68	8.876	4.950	3.050	2.321	1.890	1.570	1.049	0.852	0.450
1.80V	23.21	17.74	13.56	8.484	4.760	2.941	2.250	1.835	1.530	1.031	0.841	0.446
1.85V	18.43	14.50	11.25	7.307	4.270	2.695	2.080	1.706	1.426	0.968	0.792	0.423

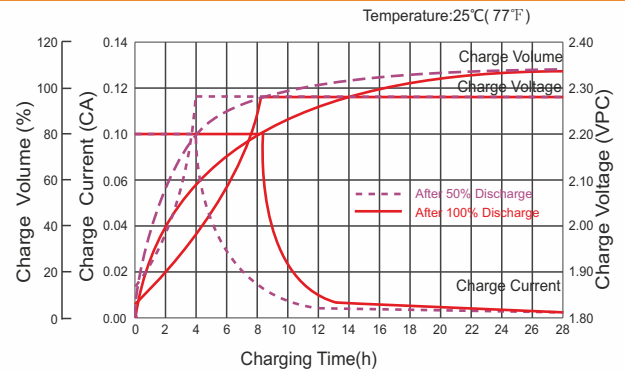
Constant Power Discharge Characteristics : WPC (25°C)

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	2HR	3HR	4HR	5HR	8HR	10HR	20HR
1.60V	58.30	41.84	30.80	18.38	10.33	6.399	4.848	3.934	3.273	2.134	1.744	0.923
1.65V	54.85	40.30	29.89	17.83	10.04	6.225	4.718	3.842	3.200	2.114	1.726	0.909
1.70V	50.61	37.78	28.41	17.22	9.770	6.053	4.610	3.751	3.127	2.087	1.702	0.899
1.75V	46.35	35.21	26.82	16.62	9.470	5.868	4.491	3.669	3.059	2.062	1.681	0.890
1.80V	41.57	32.43	25.12	16.05	9.161	5.687	4.369	3.577	2.991	2.031	1.662	0.882
1.85V	33.69	26.97	21.14	13.96	8.267	5.239	4.057	3.337	2.798	1.911	1.567	0.838

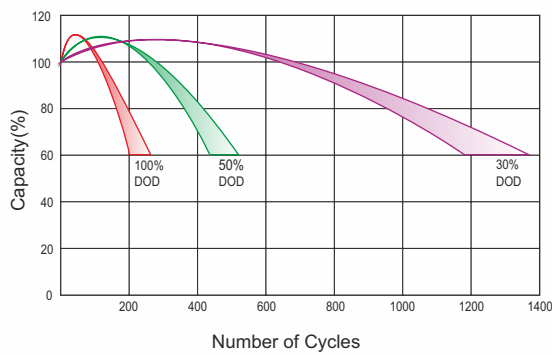
Discharge Characteristics Curve



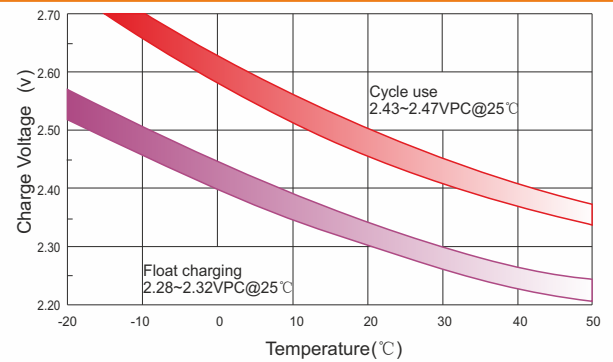
Charge Characteristic Curve For Standby Use



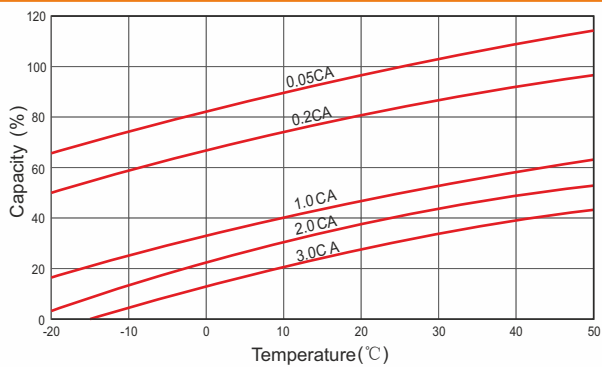
Cycle Life In Relation To Depth Of Discharge



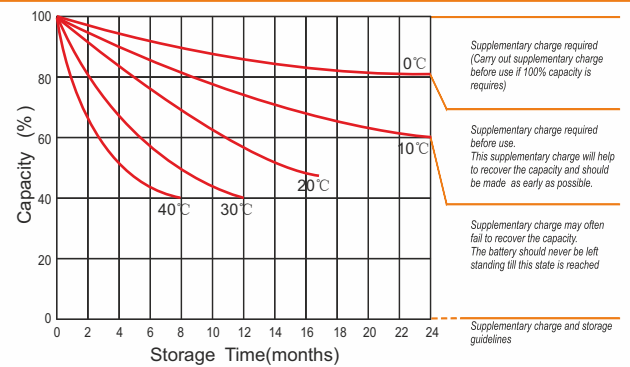
Relationship Between Charging Voltage And Temperature



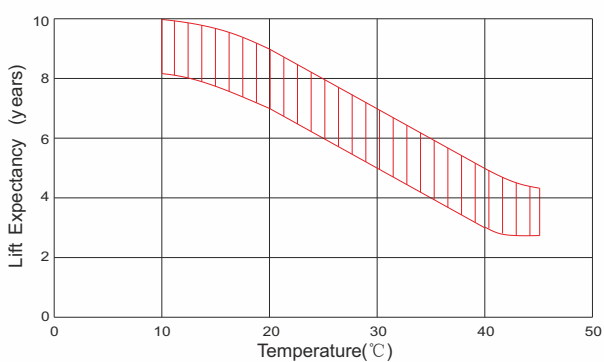
Temperature Effects On Capacity



Storage Characteristics



Effect Of Temperature On Long Term Life



Life Characteristics Of Standby Use

