

SL12-7.2 is a general purpose battery with 5 years at 25 degree celcius floating design life, meet with IEC, JIS standard. With heavy duty grid, thickness plates, special additives, SL serie battery have long and reliable standby service life.



Battery case : Flame-retardant

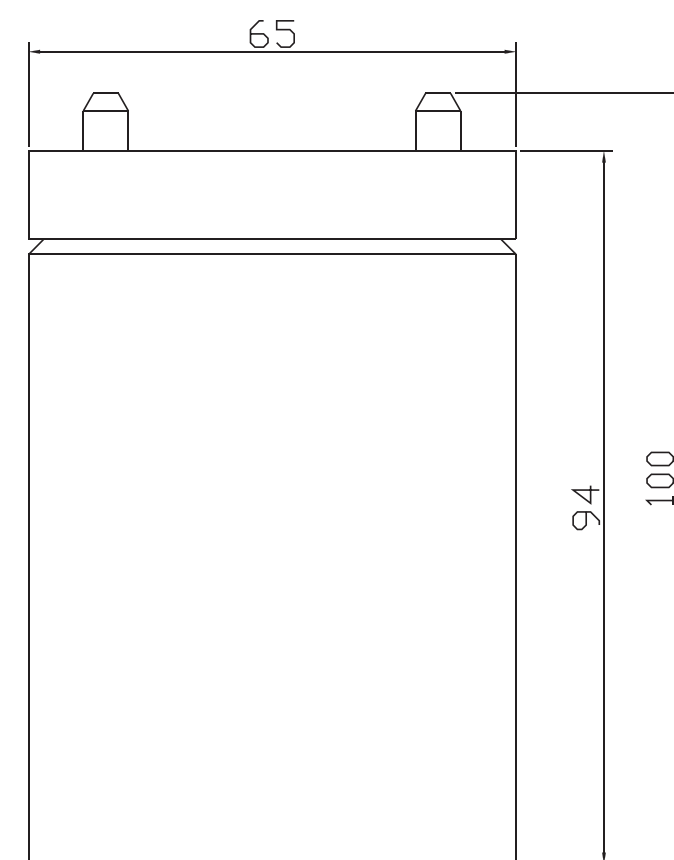
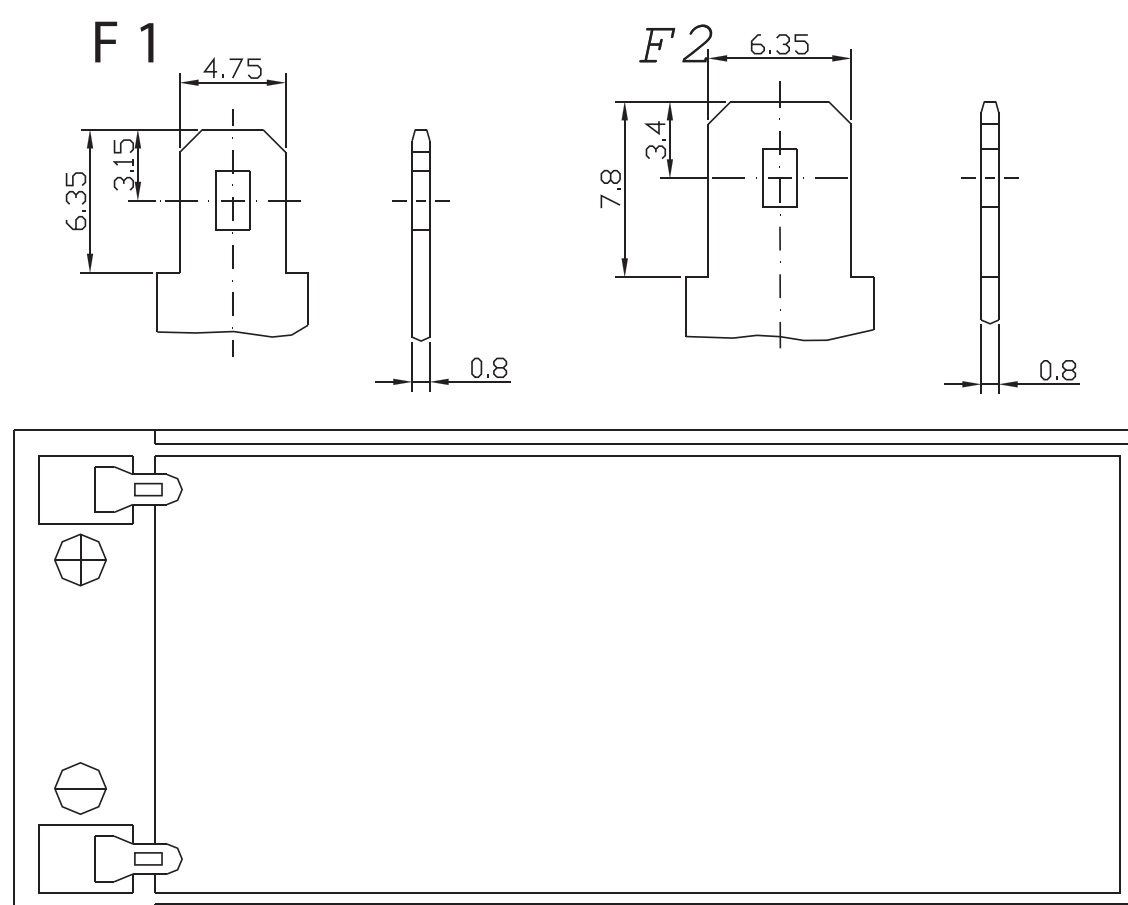
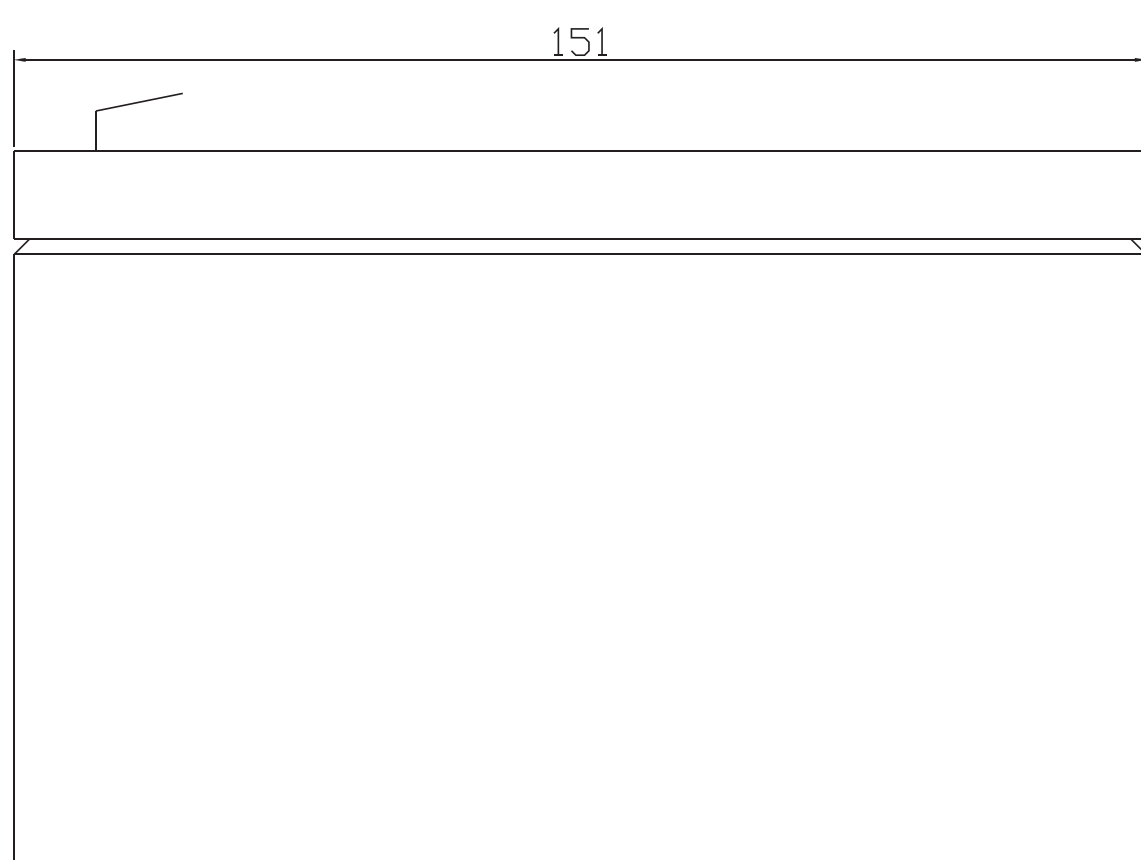


Specification

Cells Per Unit	6
Voltage Per Unit	12
Capacity	7.2 Ah@20hr-rate to 1.75V per cell @25°C
Weight	Approx. 2.00 Kg
Max. Discharge Current	70A (5 sec)
Internal Resistance	Approx. 30mΩ
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
Float charging Voltage	13.6 to 13.8 VDC/unit Average at 25°C
Recommended Maximum Charging Current Limit	2.1 A
Equalization and Cycle Service	14.5 to 14.9 VDC/unit Average at 25°C
Self Discharge	SPA batteries can be stored for more than 6 months at 25°C. Self-discharge ratio less than 3% per month at 25°C. Please charge batteries before using.
Terminal	Terminal F1 (Flaston Tab 187) / F2 (Flaston tab 250)
Container Material	Flammability resistance of UL94-V0

Dimensions

Unit: m m Dimension: 151(L)×65(W)×100(H)



Constant Current Discharge Characteristics: A(25°C)

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	2HR	3HR	4HR	5HR	8HR	10HR	20HR
1.60V	27.75	18.10	13.35	7.728	4.465	2.634	1.915	1.525	1.287	0.860	0.701	0.364
1.65V	26.75	17.56	13.00	7.558	4.382	2.596	1.890	1.506	1.273	0.852	0.694	0.362
1.70V	25.45	16.85	12.54	7.334	4.273	2.545	1.856	1.481	1.253	0.840	0.685	0.358
1.75V	23.77	15.94	11.94	7.040	4.129	2.477	1.811	1.447	1.226	0.825	0.673	0.352
1.80V	21.66	14.77	11.17	6.659	3.941	2.388	1.752	1.403	1.192	0.804	0.658	0.346
1.85V	19.06	13.30	10.20	6.173	3.698	2.272	1.674	1.345	1.146	0.777	0.637	0.336

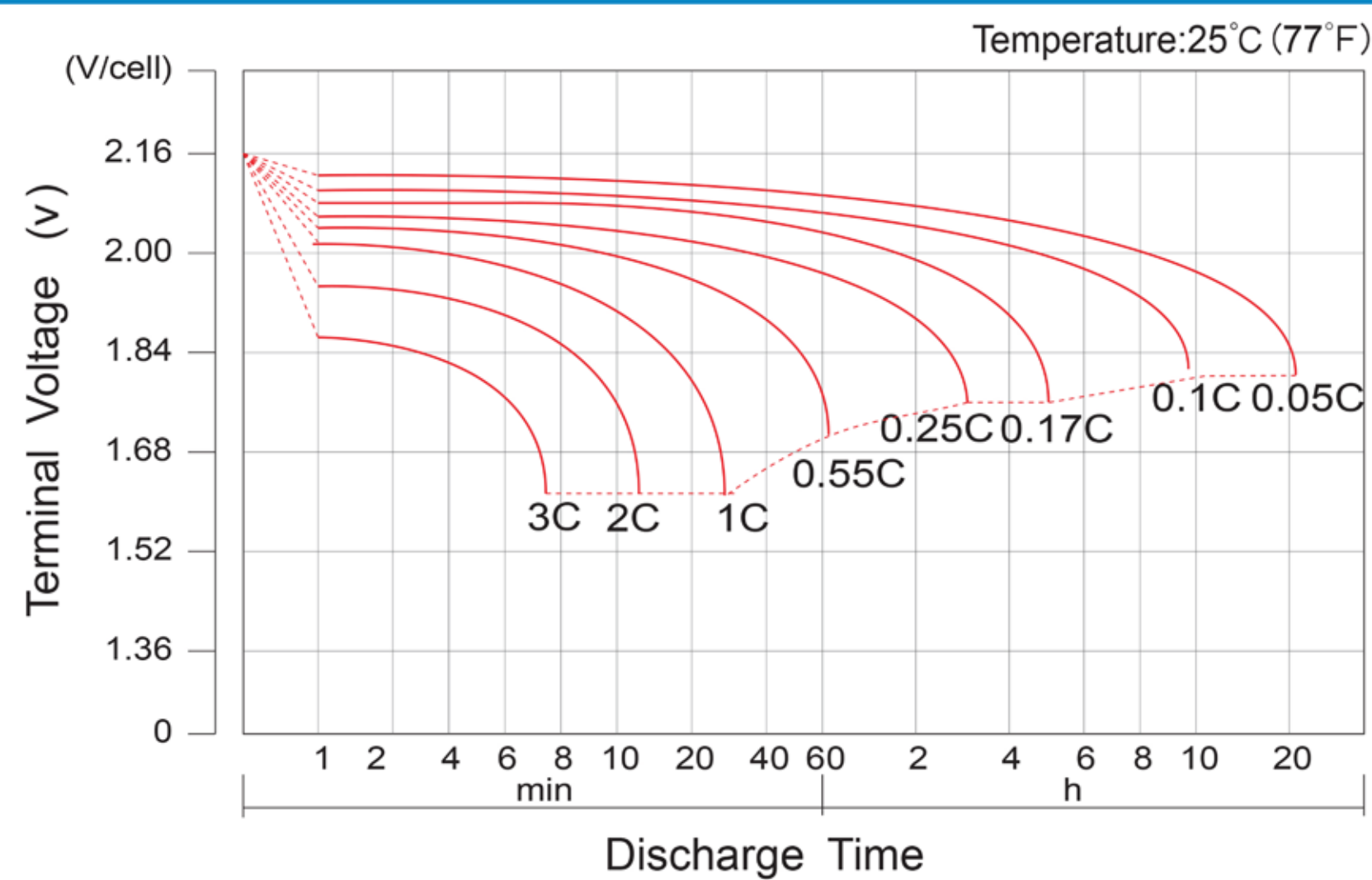
Constant Power Discharge Characteristics: WPC (25°C)

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	2HR	3HR	4HR	5HR	8HR	10HR	20HR
1.60V	47.77	31.23	23.69	14.25	8.47	5.07	3.71	2.97	2.52	1.71	1.40	0.73
1.65V	47.27	31.10	23.56	14.14	8.40	5.03	3.69	2.95	2.50	1.69	1.39	0.72
1.70V	45.46	30.18	22.92	13.80	8.22	4.95	3.63	2.91	2.47	1.67	1.37	0.72
1.75V	43.24	29.06	22.15	13.38	7.99	4.84	3.56	2.85	2.43	1.64	1.35	0.71
1.80V	40.08	27.39	21.01	12.79	7.66	4.69	3.45	2.78	2.36	1.61	1.32	0.69
1.85V	35.90	25.12	19.45	11.97	7.24	4.48	3.32	2.67	2.28	1.56	1.28	0.68

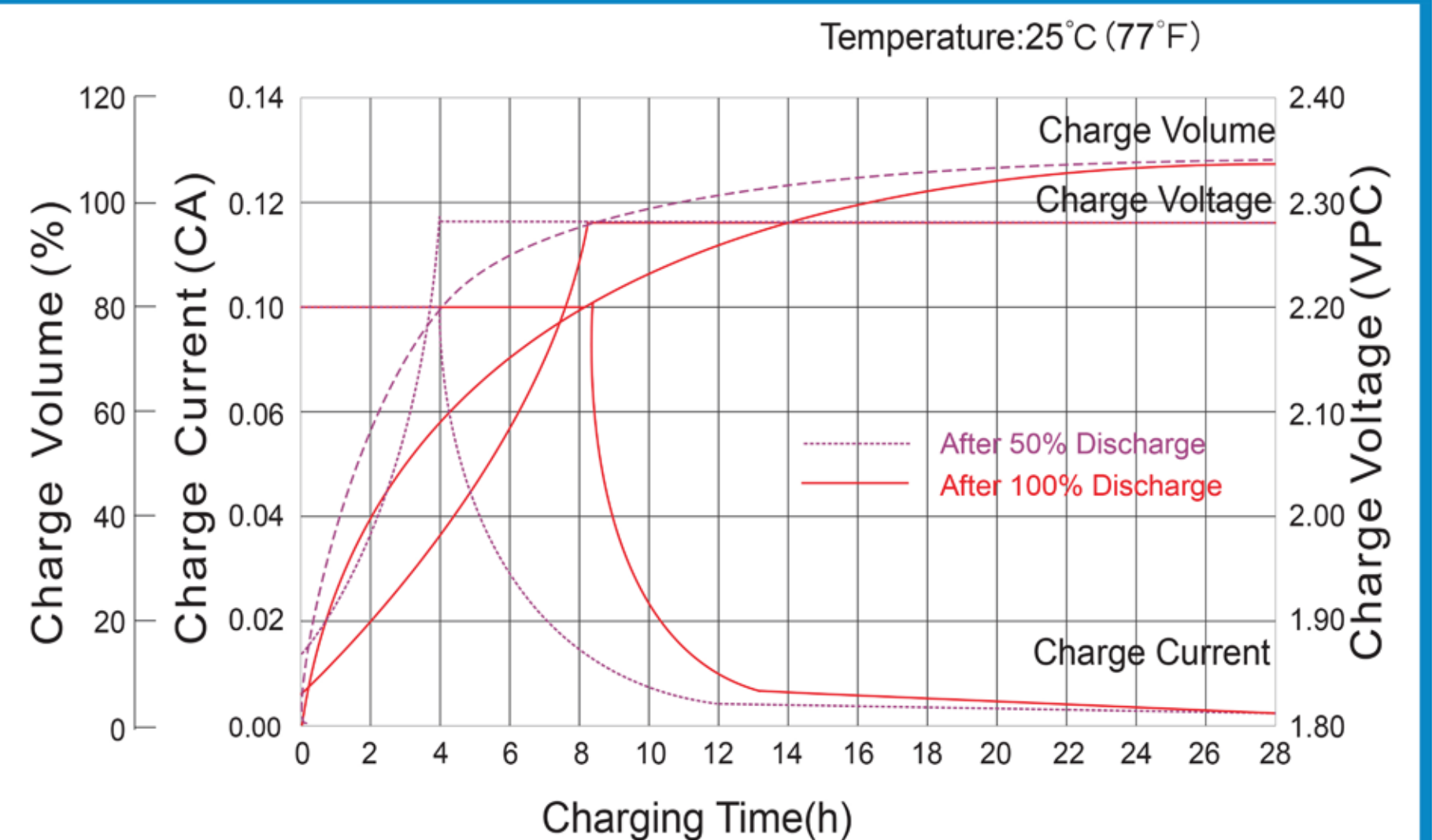
All mentioned values are average values.

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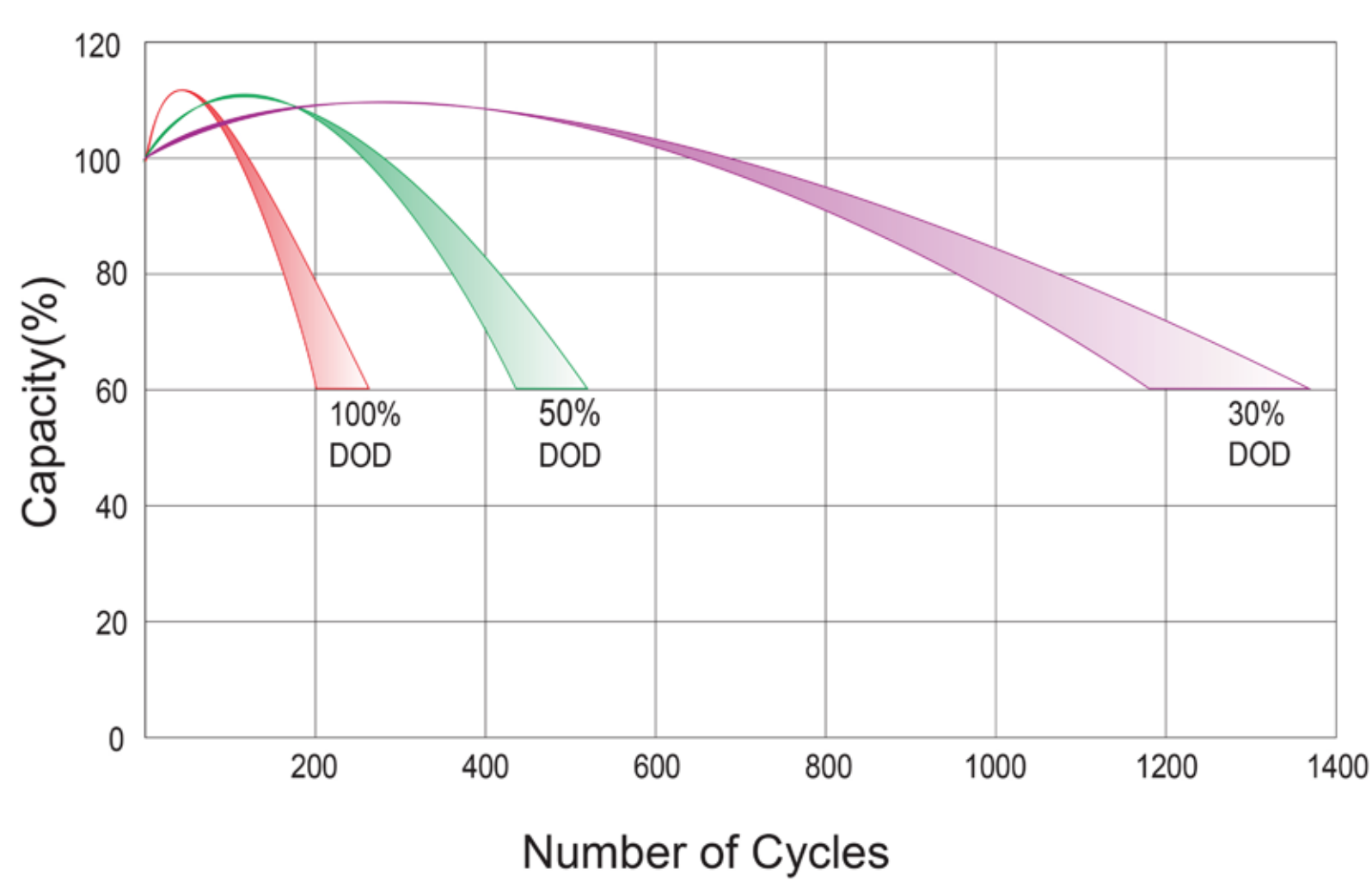
Discharge Characteristics Curve



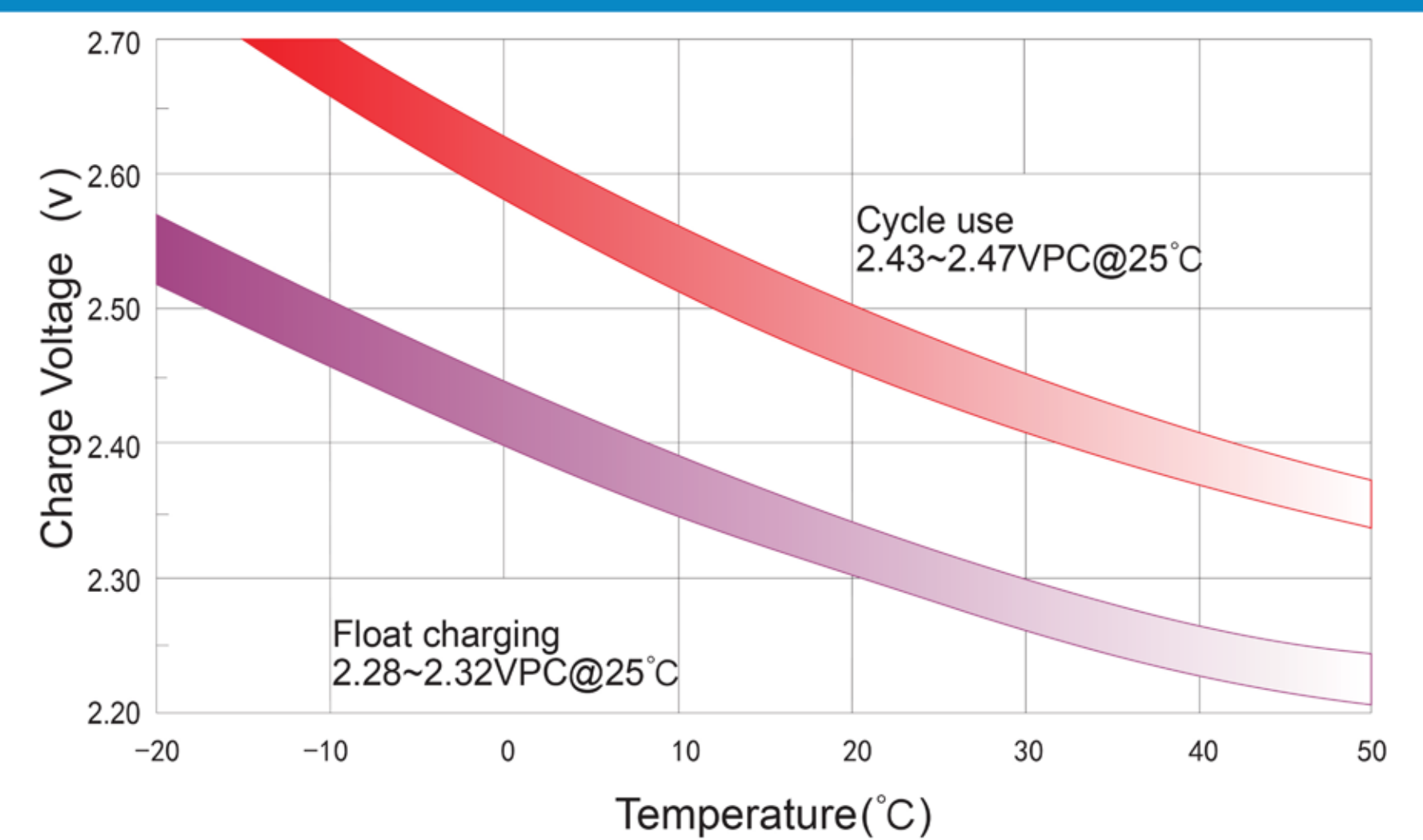
Charge Characteristic Curve For Standby Use



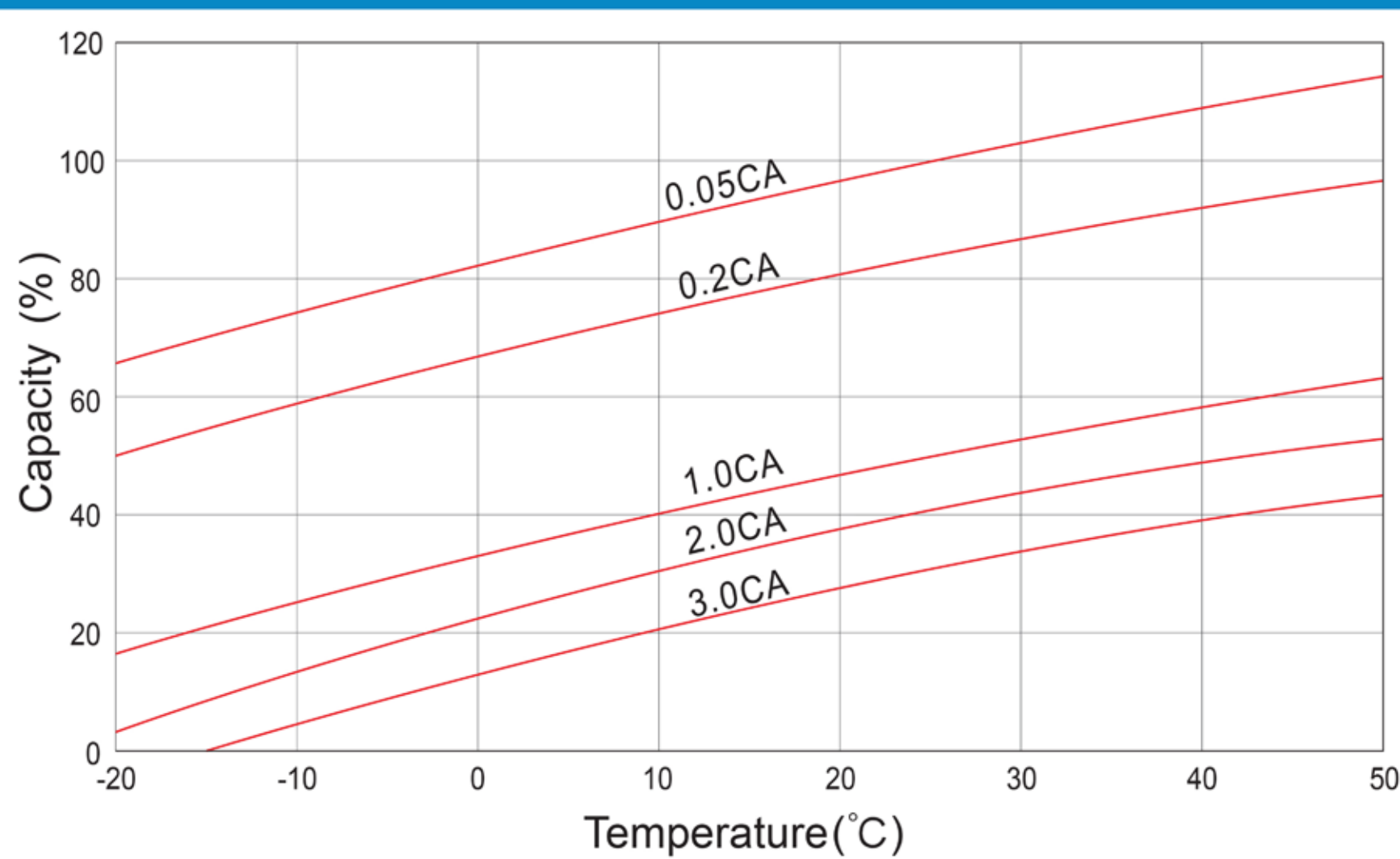
Cycle Life In Relation To Depth Of Discharge



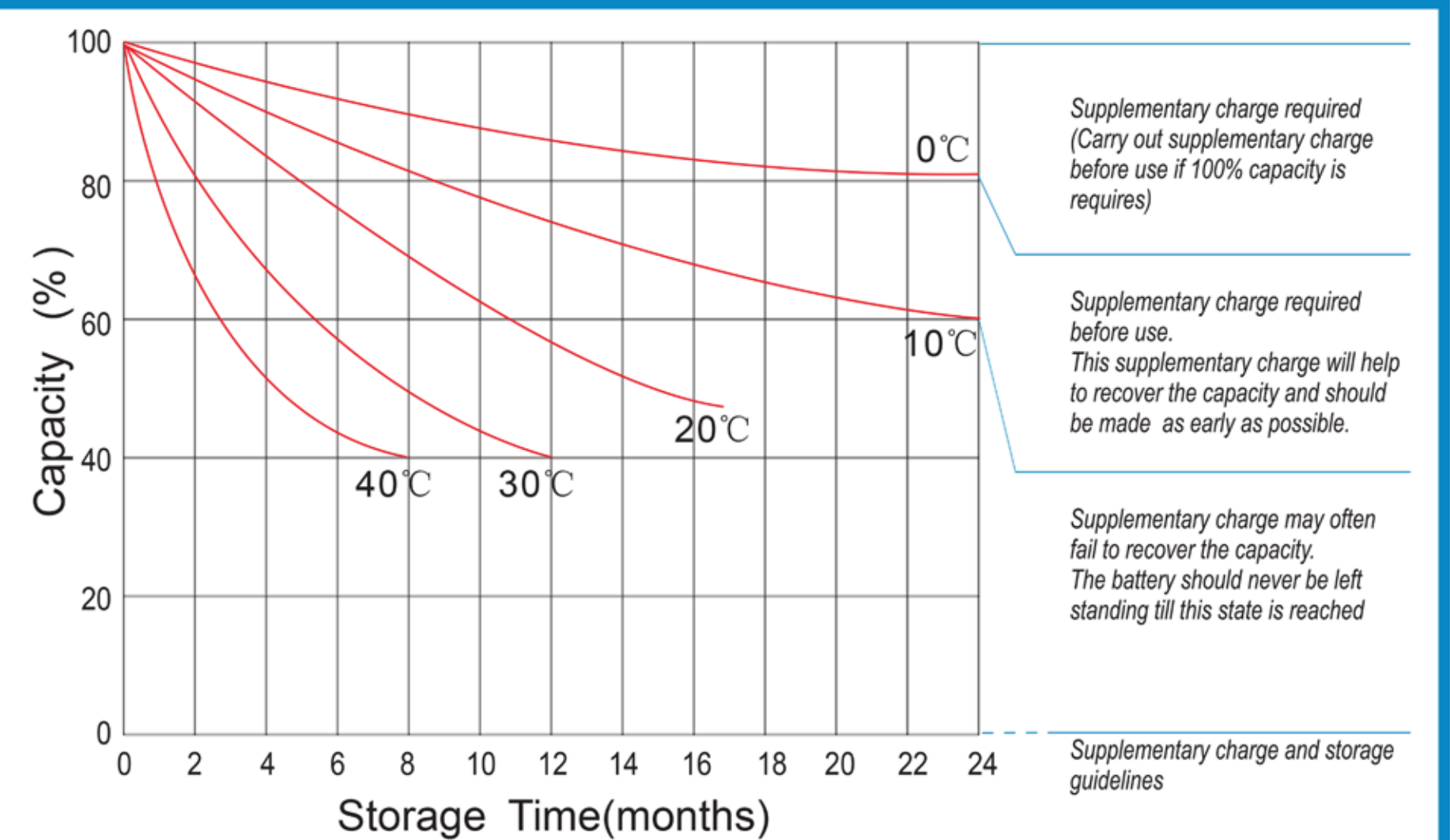
Relationship Between Charging Voltage And Temperature



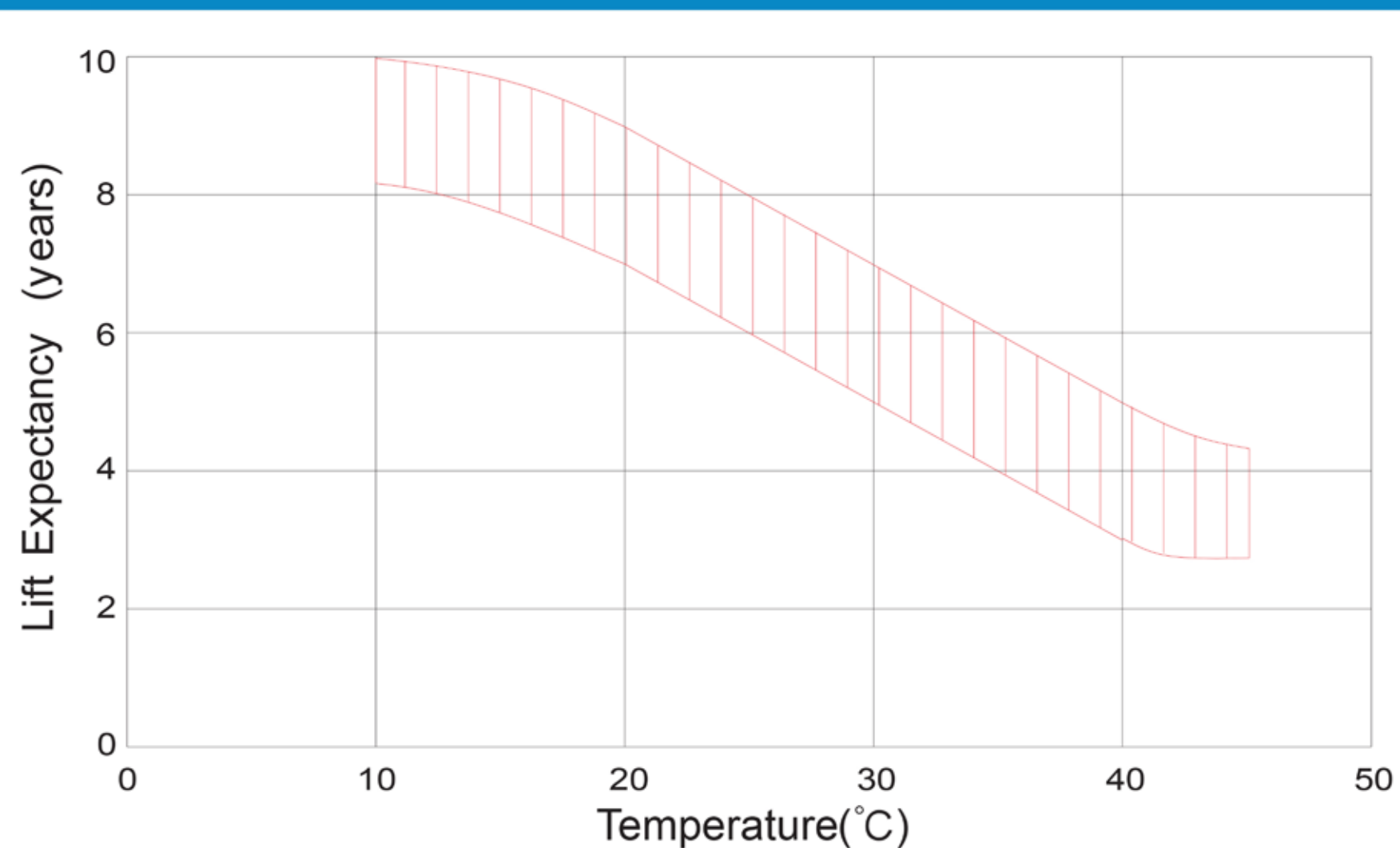
Temperature Effects On Capacity



Storage Characteristics



Effect Of Temperature On Long Term Life



Life Characteristics Of Standby Use

