

Battery

Euronet

12V-18Ah

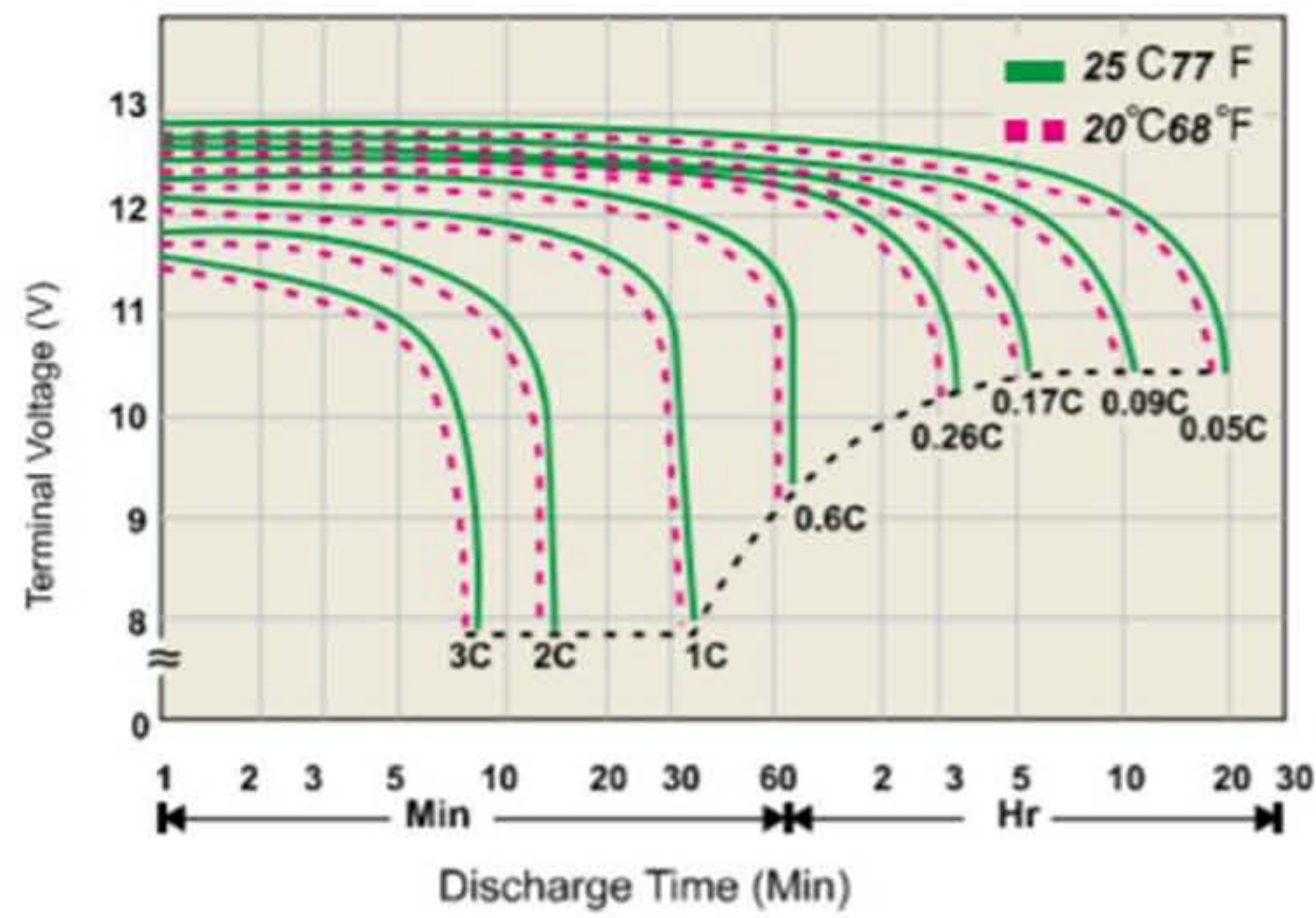
Main Features



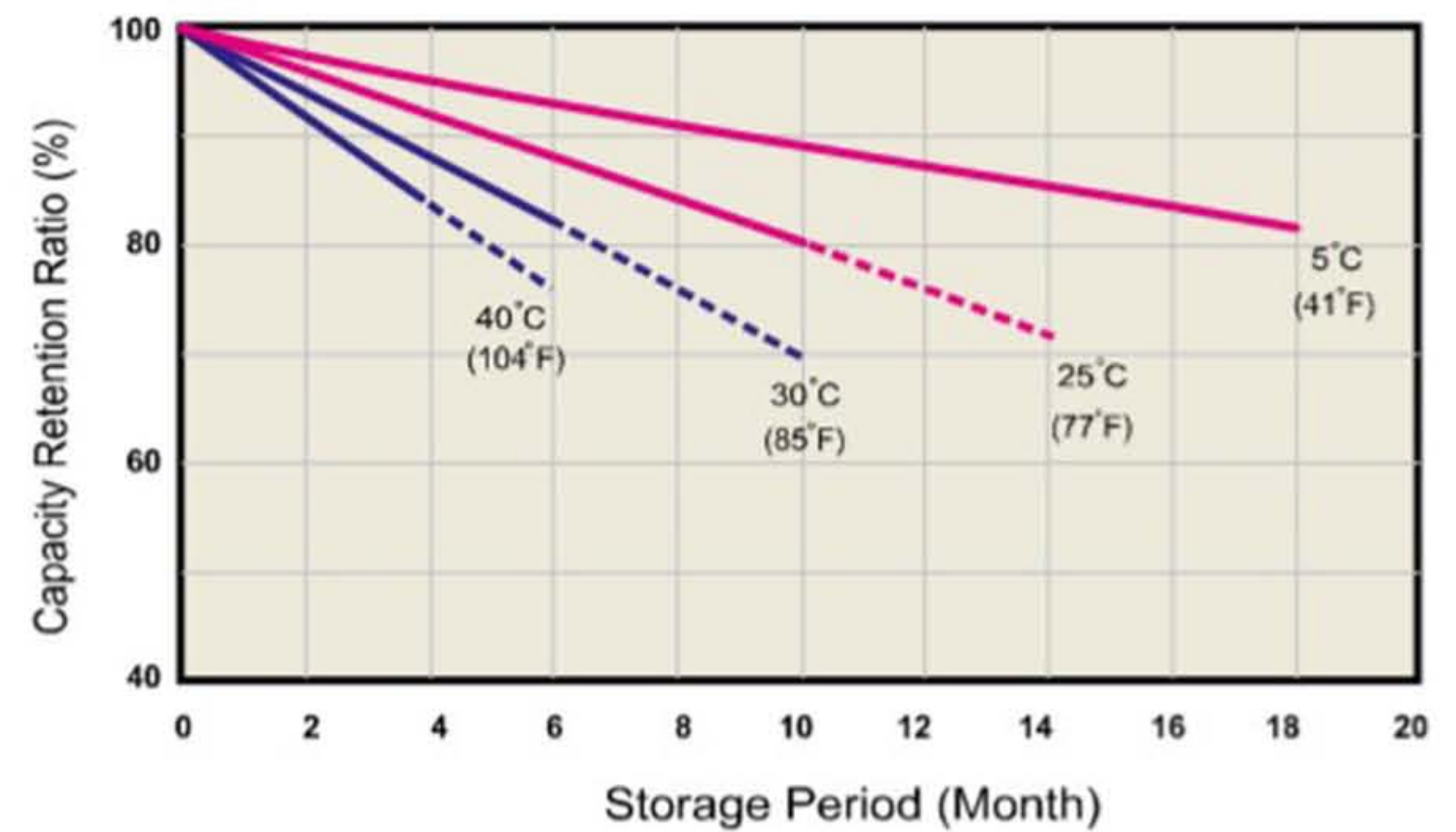
Specifications

Model	NP18-12
Made in	Taiwan
Cells Per Unit	6
Voltage Per Unit	12
Capacity	18Ah @10hr-rate
Weight	Approx 5.2kg
Max. Discharge Current	200 A (5sec)
Internal Resistance	Approx. 8.5m Ω
Operating Temperature Range	Discharge: -20°C~50°C
	Charge: -20°C~50°C
	Storage: -20°C~50°C
Normal Operating Temperature Range	25°C ± 5°C
Float charging Voltage	13.50 to 13.80V DC/unit Average at 25°C
Max. Charging Current	5.4 A
Equalization and Cycle service	14.70 to 15.00V DC/unit Average at 25°C
Self Discharge	The batteries can be stored for more than 6 months at 25°C. Please charge batteries before using. For high temperature, the time interval will be shorter.
Terminal	T3/T10
Container Material	ABS (UL94-HB) Flammability resistance of UL94-V0 is available on request.

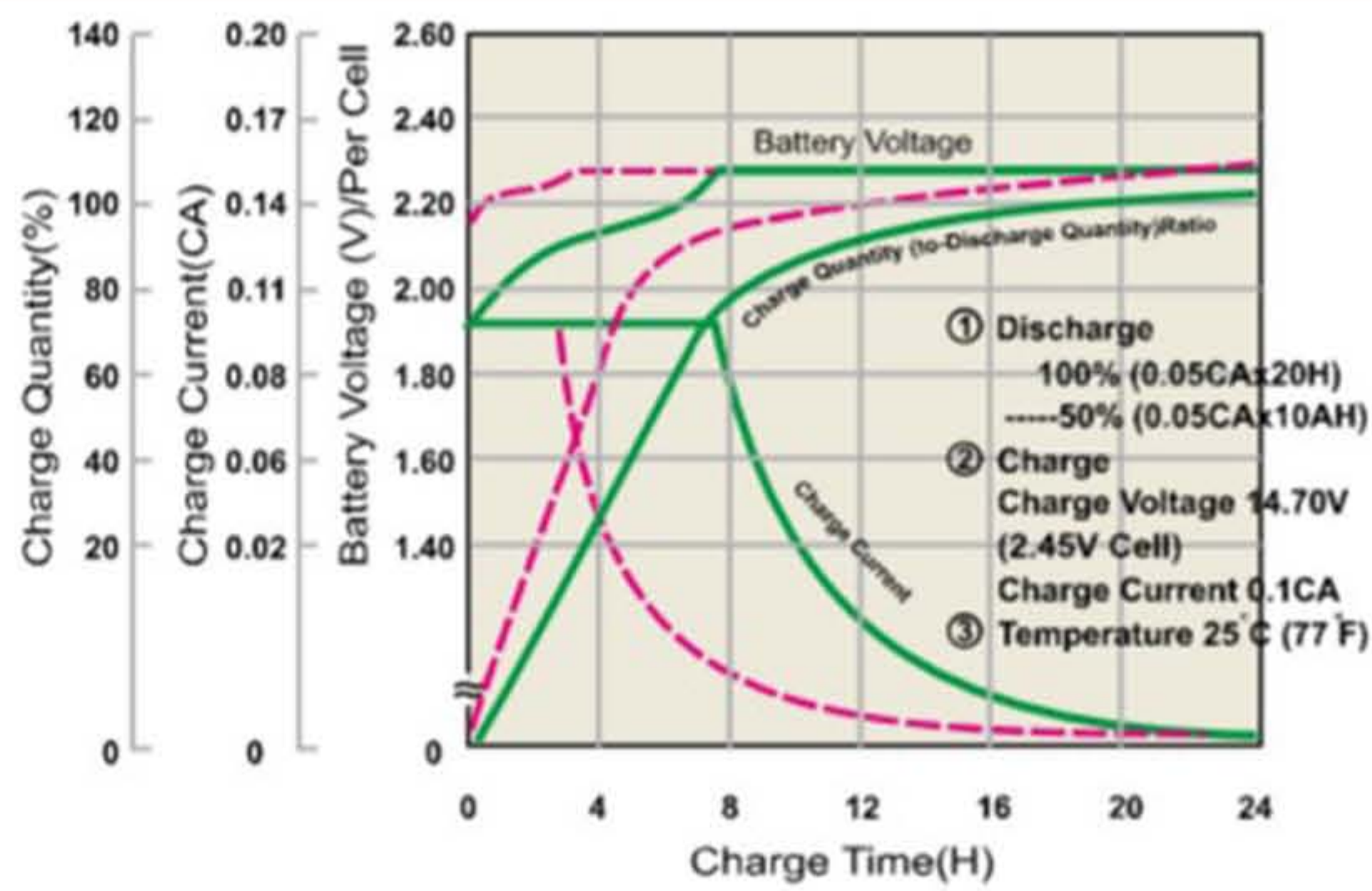
نمودار دشارژ



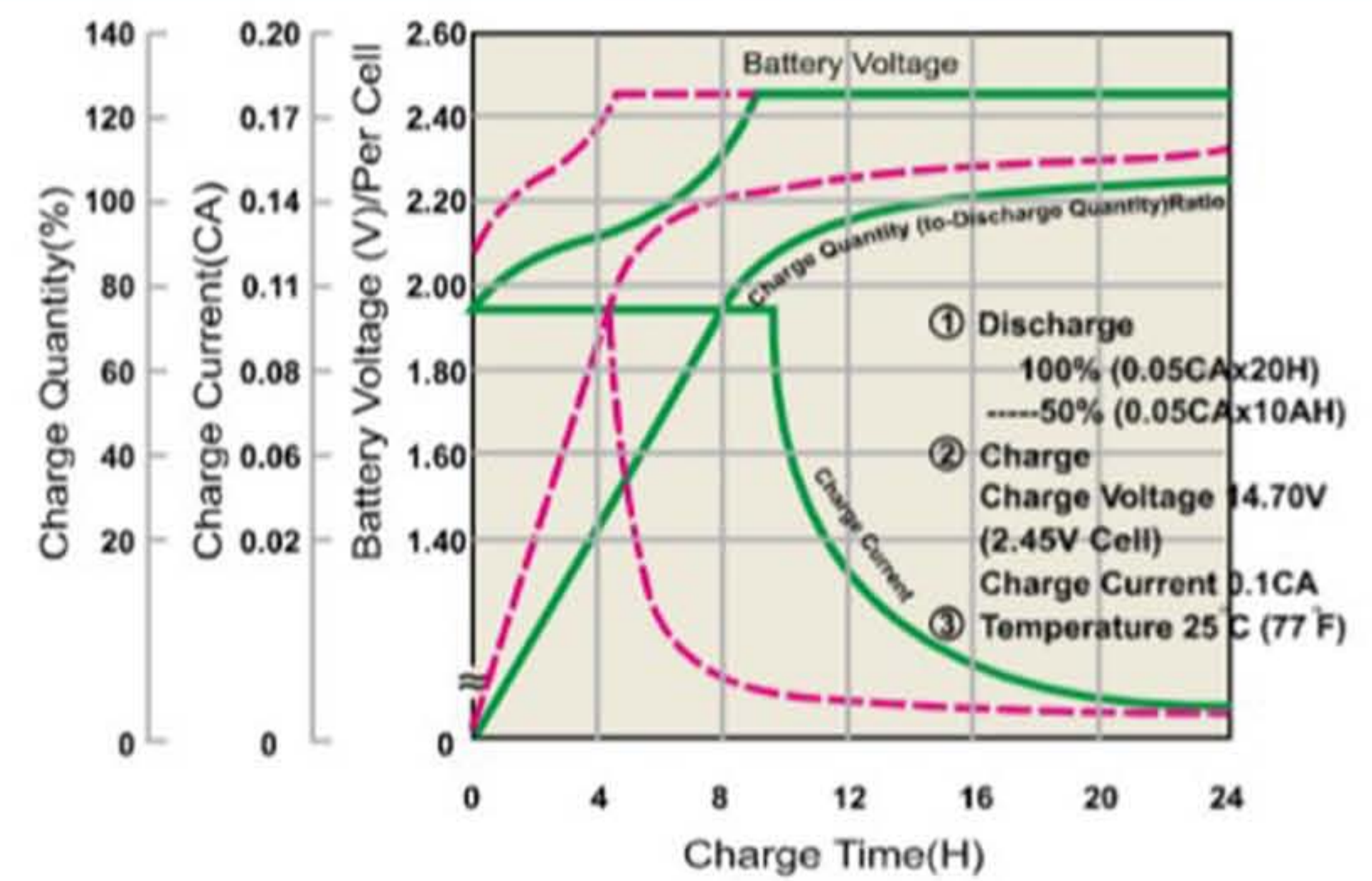
نمودار مشخصه حفظ ظرفیت



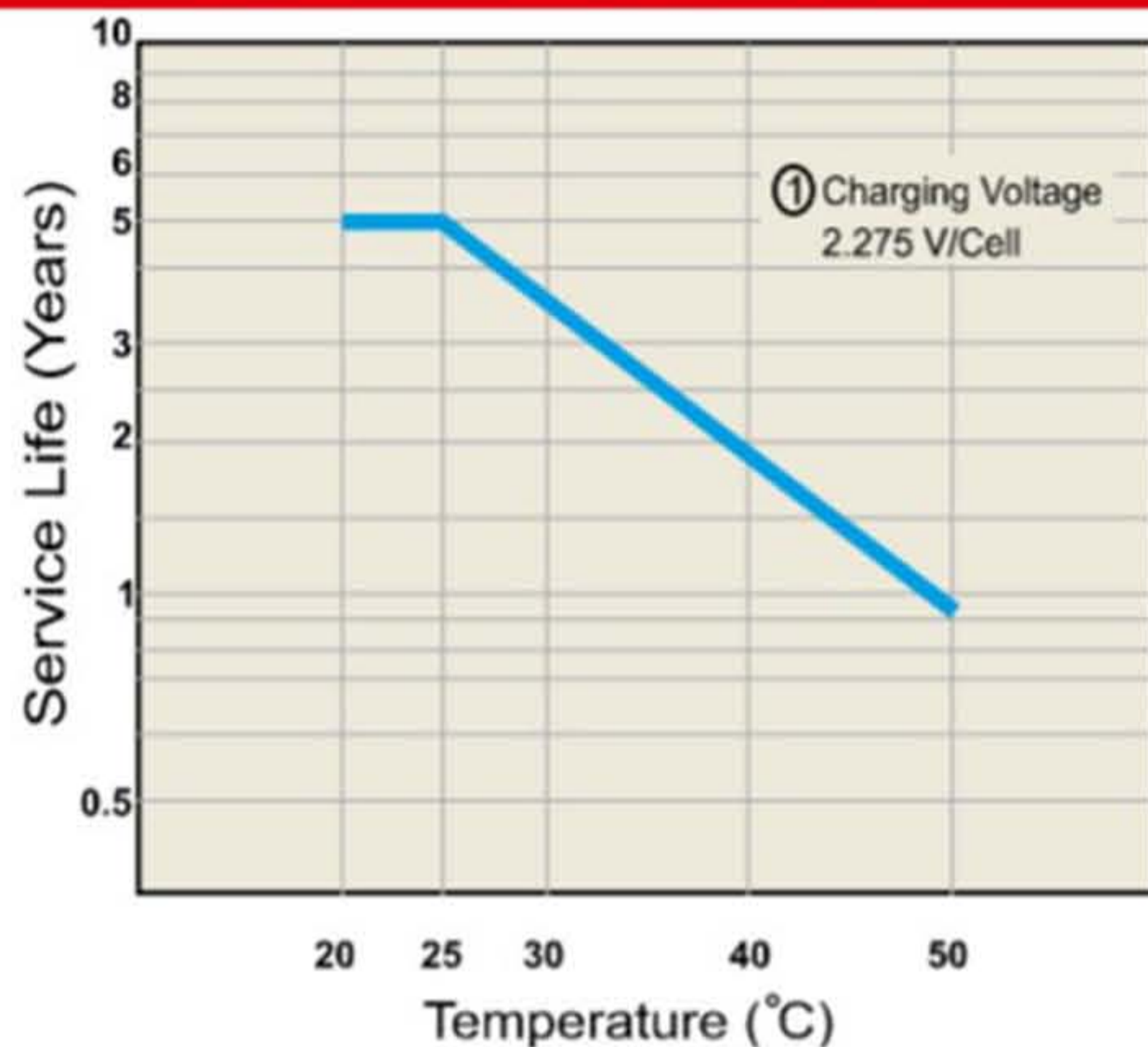
نمودار منحنی شارژ در حالت آماده به کار



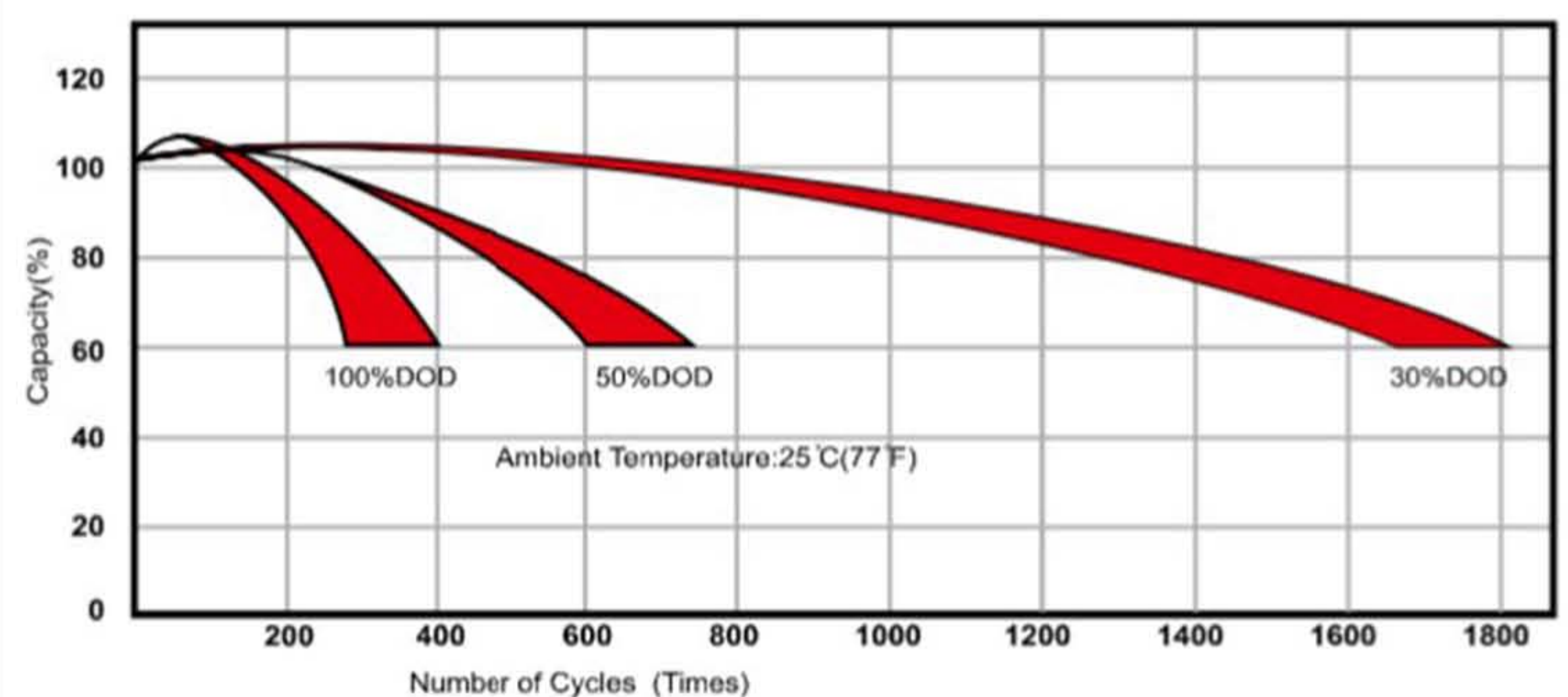
نمودار منحنی شارژ در حالت استفاده



نمودار طول عمر در دمای متغیر



نمودار چرخه عمر نسبت به عمق دشارژ



جدول جریان ثابت دشارژ در دمای ۲۵ درجه سانتیگراد

F.V/Time	5Min	10Min	15Min	30Min	1Hr	2Hr	3Hr	4Hr	5Hr	6Hr	10Hr	20Hr
1.85V/Cell	51.38	37.02	28.32	17.90	10.39	5.95	4.55	3.634	3.120	2.544	1.668	0.867
1.80V/Cell	52.36	37.72	28.87	18.24	10.58	6.07	4.64	3.704	3.180	2.592	1.700	0.883
1.75V/Cell	53.34	38.43	29.41	18.58	10.78	6.18	4.72	3.773	3.239	2.641	1.732	0.900
1.70V/Cell	58.14	40.74	31.17	19.32	10.97	6.29	4.81	3.840	3.296	2.687	1.762	0.916
1.67V/Cell	64.01	44.19	33.82	20.40	11.09	6.36	4.86	3.881	3.332	2.716	1.781	0.926
1.60V/Cell	69.34	46.50	35.58	21.28	11.21	6.42	4.91	3.923	3.368	2.745	1.800	0.936

جدول تخلیه با توان ثابت در دمای ۲۵ درجه سانتیگراد

F.V/Time	5Min	10Min	15Min	30Min	1Hr	2Hr	3Hr	4Hr	5Hr	6Hr	10Hr	20Hr
1.85V/Cell	100.19	72.18	55.23	34.90	20.25	11.61	8.87	7.09	6.08	4.96	3.25	1.69
1.80V/Cell	102.10	73.56	56.29	35.57	20.64	11.83	9.04	7.22	6.20	5.05	3.31	1.72
1.75V/Cell	104.02	74.94	57.34	36.24	21.02	12.05	9.21	7.36	6.32	5.15	3.38	1.76
1.70V/Cell	113.38	79.43	60.78	37.68	21.39	12.26	9.37	7.49	6.43	5.24	3.44	1.79
1.67V/Cell	124.82	86.18	65.94	39.79	21.62	12.39	9.47	7.57	6.50	5.30	3.47	1.81
1.60V/Cell	135.22	90.68	69.38	41.49	21.86	12.53	9.58	7.65	6.57	5.35	3.51	1.82

