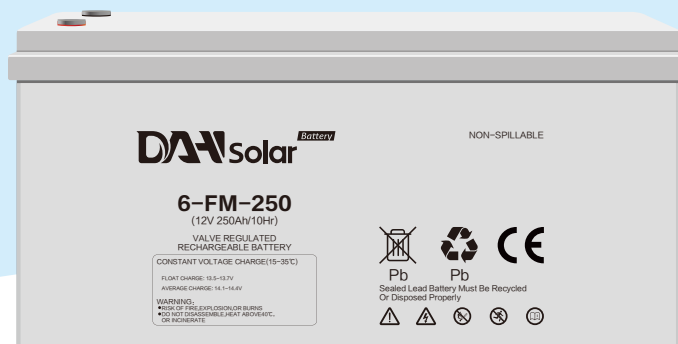


LCPC 250-12 GEL BATTERY



Technology data

Rated Voltage	12V
Capacity(10hr,1.80V/Cell)	250Ah
Weight	72Kg
Max Discharge Current	30I 10A(3min)
Max Charge Current	≤0.25C 10
Self Discharge(25°C)	<3%/month
Recommended Using Temperature	15°C~°C25
Cover Material	ABS

Using Temperature	Discharge: -45°C~50°C, Charge: -20°C~45°C, Storage: -30°C~40°C
Charge Voltage(25°C)	Float Charge: 13.4V-13.7V Average Charge: 14.1V-14.4V
Temperature Compensation	Float Temperature Compensation Coefficient -3mV/Cell°C Equalization Temperature Compensation Coefficient -4mV/Cell°C
Cycle life	100%DOD, 572times, 50%DOD1422times, 30%DOD2218times
Capacity Affected by Temperature	105%@40°C 85%@0°C 60%@-20°C

Note:
Please check carefully of the battery connection, wrong connection may cause serious problem!

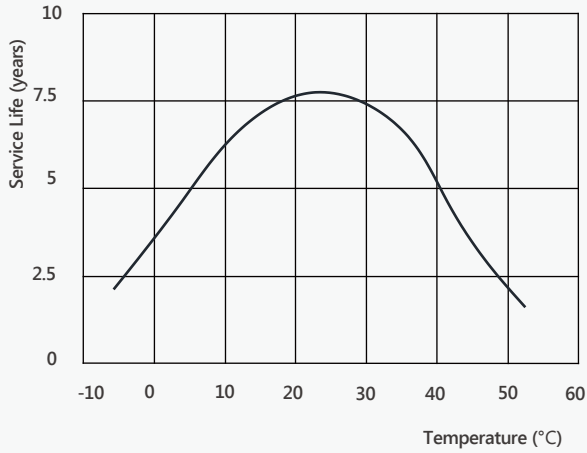
Different discharge time at different terminal Voltage, discharge time(Amps, 25)

Constant current discharge coefficient (25°C, A)

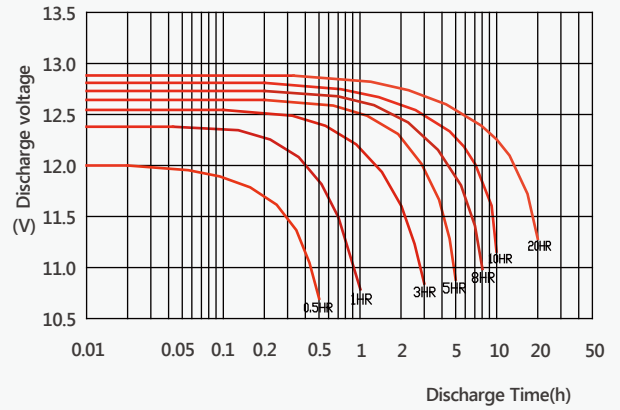
Terminal Voltage (v/Cell)	1H	3H	5H	10H	20H	50H	100H	120H	240H
1.7	132.75	60.35	40.33	26.02	13.44	5.65	3.07	2.72	1.43
1.75	130.10	59.73	39.62	25.65	13.13	5.43	2.87	2.53	1.33
1.8	127.50	59.17	39.00	25.00	12.81	5.25	2.75	2.37	1.27
1.85	122.40	58.83	38.25	23.97	12.19	5.03	2.57	2.22	1.15
1.9	117.52	58.32	37.68	23.47	11.98	4.88	2.48	2.12	1.08
1.95	112.35	57.15	36.90	22.17	11.15	4.53	2.35	2.02	1.03

Performance characteristics

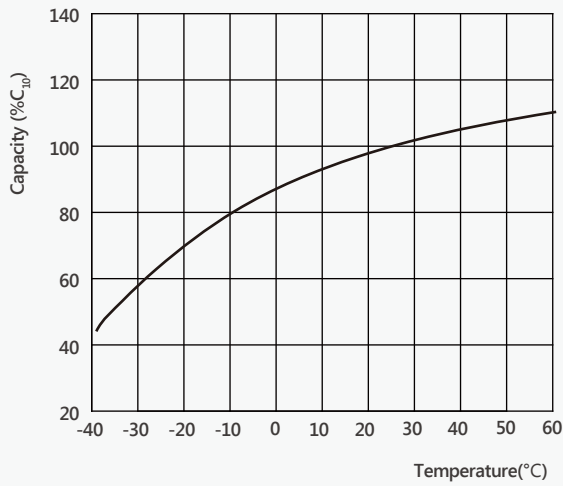
Temperature and Service life



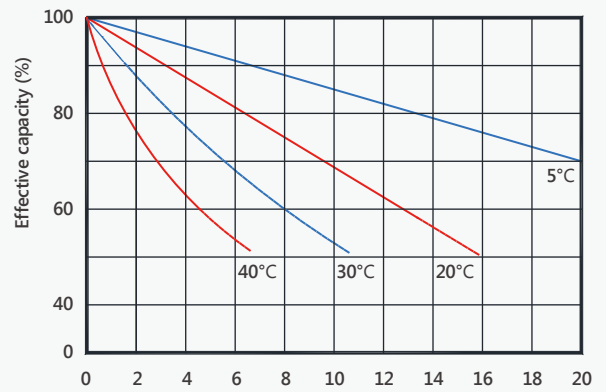
Discharge characteristics at Various Rates (25°C/77°F)



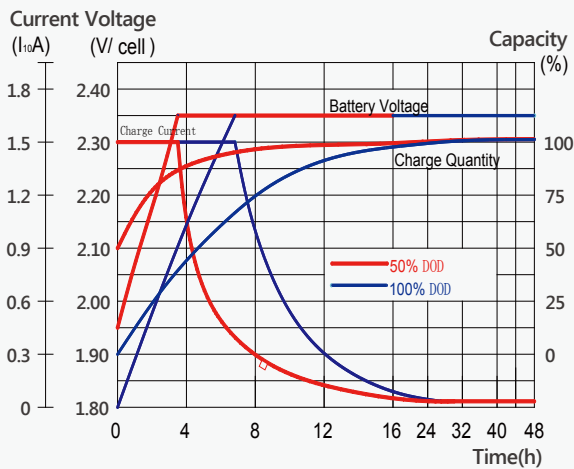
Temperature and discharge capacity



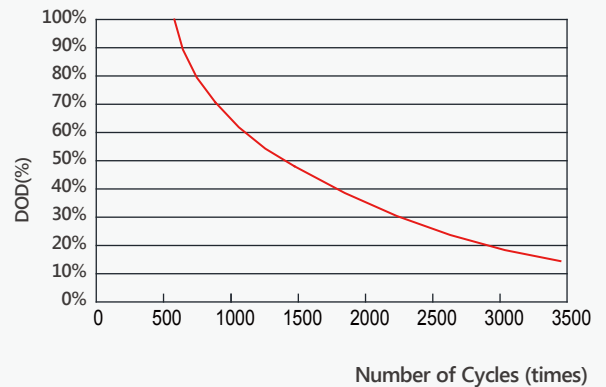
self discharge parameters characteristics



Constant-potential charge



Cycle Service Life (25°C/77°F)



Note The above data are average values, and can be obtained within 3 charge/discharge cycles. These are not minimum values. Celland battery designs/specifications are subject to modification without notice.