



**12V200AH**

# GEL BATTERY



Maintenance free



Easy to use



High-performance



8 years design life

TECHNOLOGY DATA

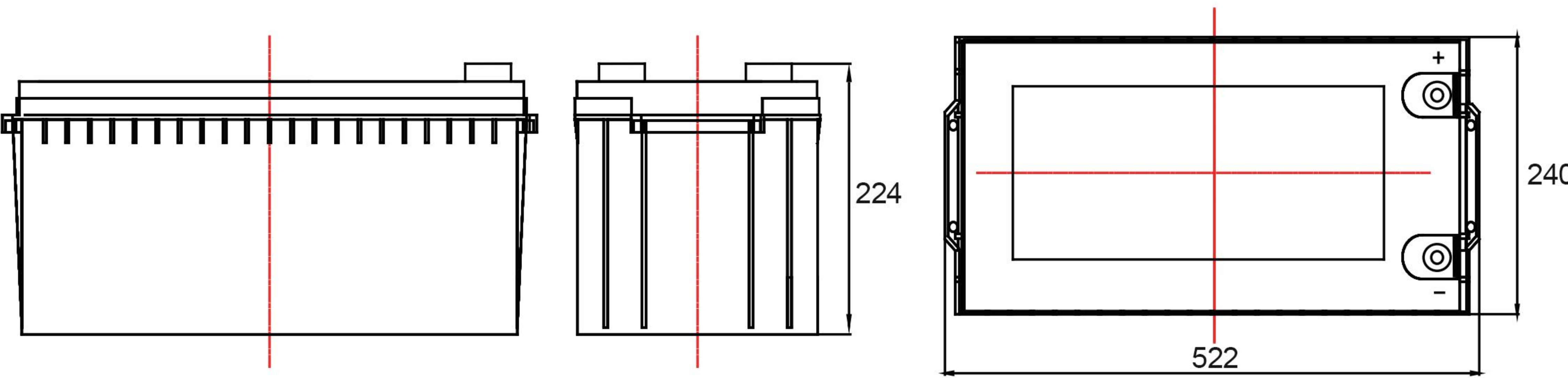
|                                  |                                                                                                                                                                              |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reted Voltage                    | 12V                                                                                                                                                                          |
| Capacity(10hr,1.80V/Cell)        | 200Ah                                                                                                                                                                        |
| Weight                           | 56kg                                                                                                                                                                         |
| Max Discharge Current            | 30I 10A(3min)                                                                                                                                                                |
| Max Charge Current               | ≤0.25C 10                                                                                                                                                                    |
| Self Discharge(25℃)              | <3% month                                                                                                                                                                    |
| Recommended Using Temperature    | 15℃~25℃                                                                                                                                                                      |
| Cover Material                   | ABS                                                                                                                                                                          |
| Using Temperature                | Discharge:-45℃~50℃<br>Charge:-20℃~45℃<br>Storage: -30℃~40℃                                                                                                                   |
| Charge Voltage(25℃)              | Float Charge:13.6V-13.8V    Average Charge:14.4V-14.9V                                                                                                                       |
| Charge Mode(25℃)                 | Float Charge:2.275±0.025V/Cell    Temperature Compensation Coefficient :±3 mV/Cell °C<br>Cycle Charge:2.45±0.05V/Cell    Temperature Compensation Coefficient: ±5 mV/Cell °C |
| Cycle Life                       | 100%DOD 572times,50%DOD 1422 times,30%DOD 2218times                                                                                                                          |
| Capacity Affected by Temperature | 105%@40℃,85%@0℃,60%@-20℃                                                                                                                                                     |

DISCHARGE TIME

Constant current discharge coefficient (25℃, A)

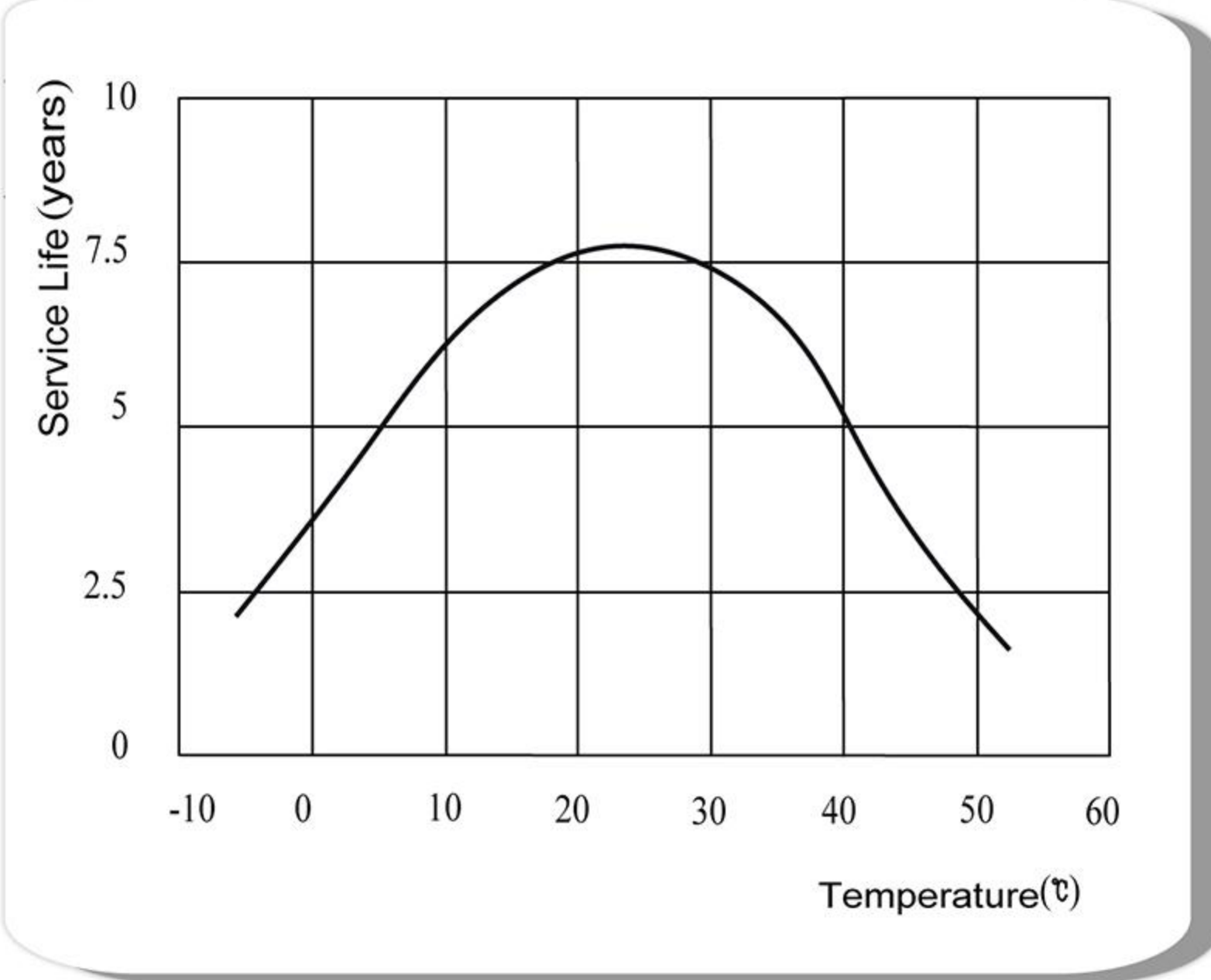
| Terminal Voltage (V/Cell) | 1H     | 3H    | 5H    | 10H   | 20H   | 50H  | 100H | 120H | 240H |
|---------------------------|--------|-------|-------|-------|-------|------|------|------|------|
| 1.7                       | 106.20 | 48.28 | 32.27 | 20.81 | 10.75 | 4.52 | 2.45 | 2.17 | 1.15 |
| 1.75                      | 104.08 | 47.79 | 31.69 | 20.52 | 10.50 | 4.35 | 2.29 | 2.03 | 1.07 |
| 1.8                       | 102.00 | 47.33 | 31.20 | 20.00 | 10.25 | 4.20 | 2.20 | 1.89 | 1.01 |
| 1.85                      | 97.92  | 47.07 | 30.60 | 19.17 | 9.75  | 4.03 | 2.05 | 1.77 | 0.92 |
| 1.9                       | 94.01  | 46.65 | 30.15 | 18.77 | 9.58  | 3.91 | 1.99 | 1.69 | 0.87 |
| 1.95                      | 89.88  | 45.72 | 29.52 | 17.73 | 8.92  | 3.63 | 1.88 | 1.61 | 0.83 |

PRODUCT SIZE

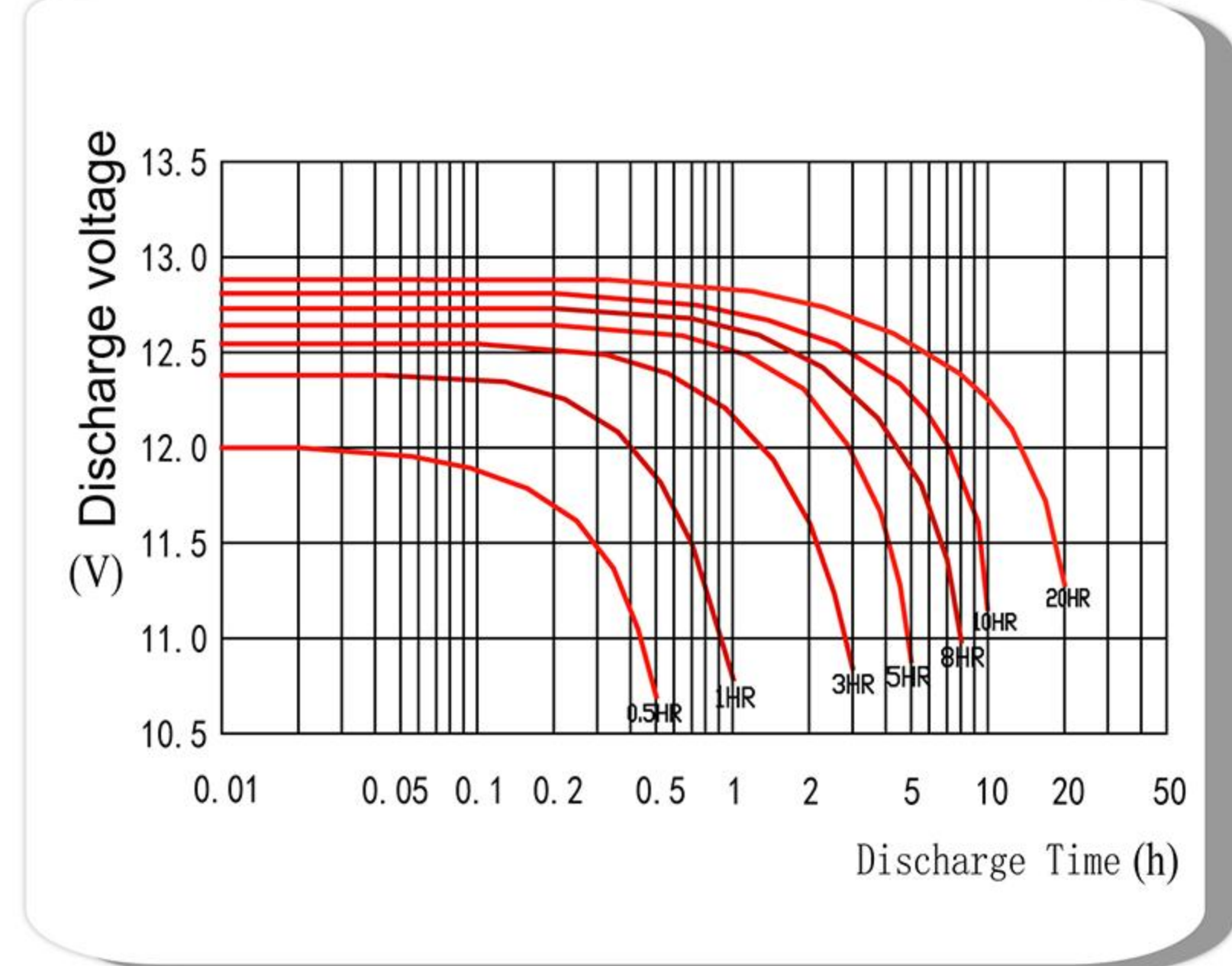


PERFORMANCE CHARACTERISTICS

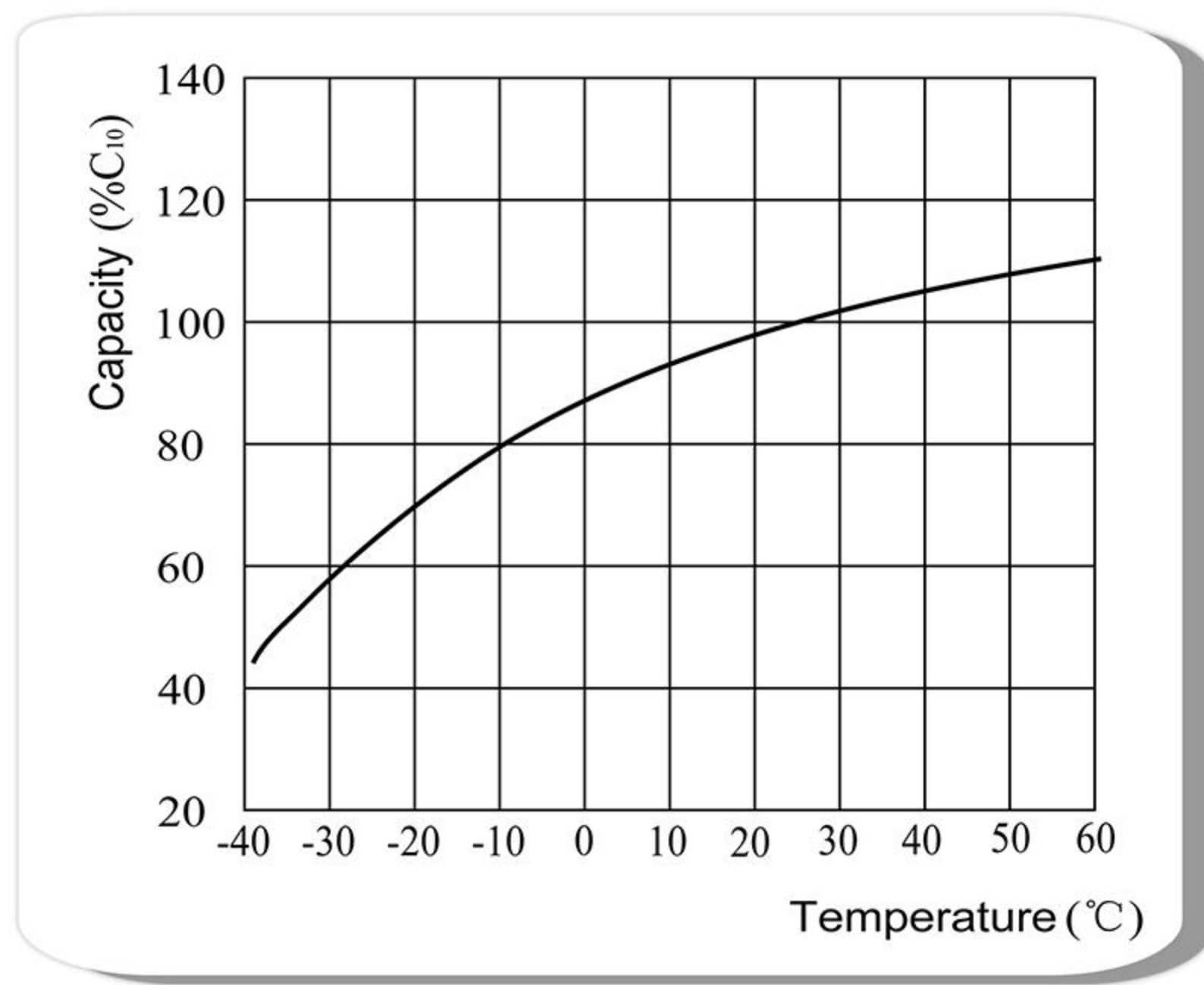
Temperature and Service life



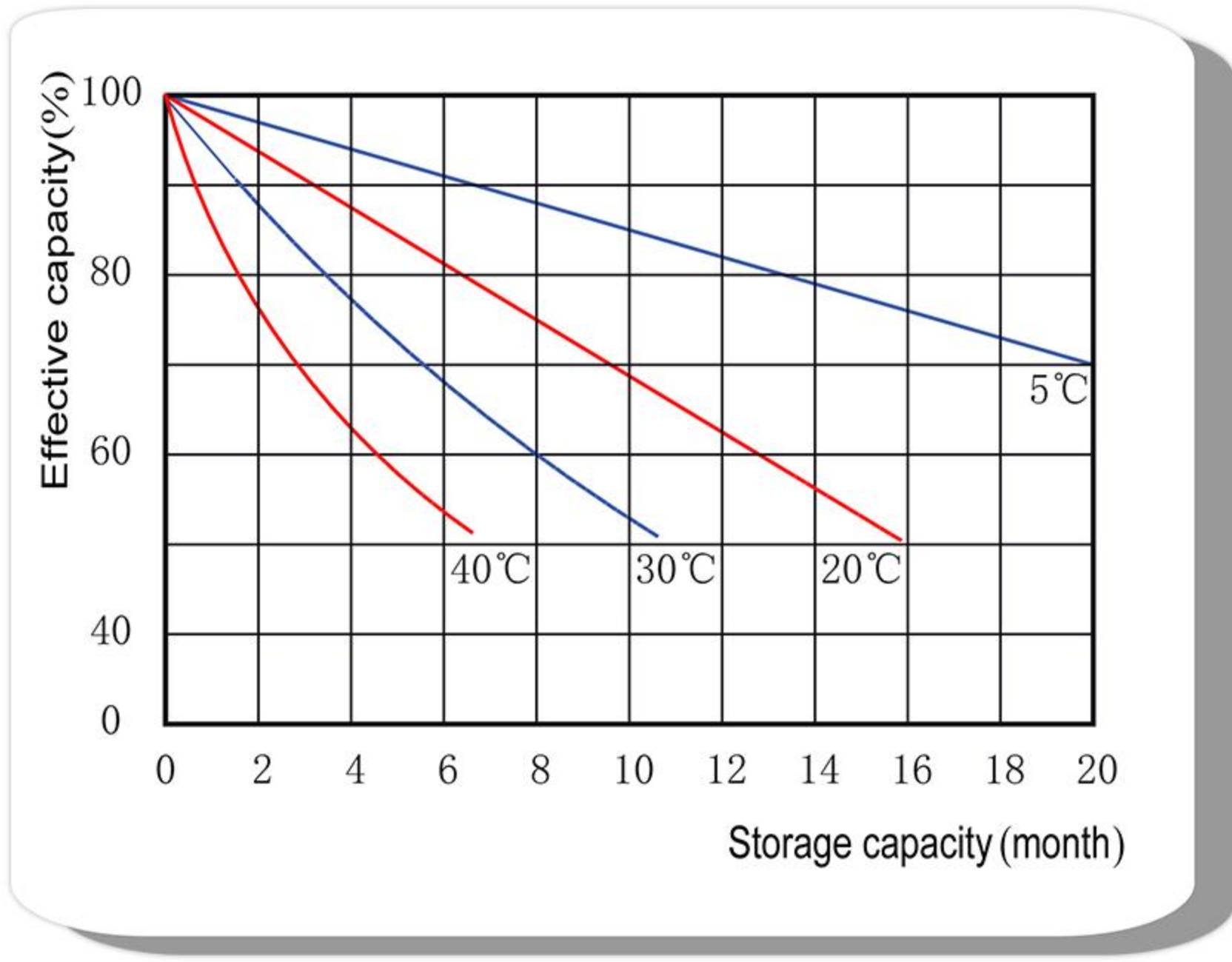
Discharge characteristics at Various Rates (25°C/77°F)



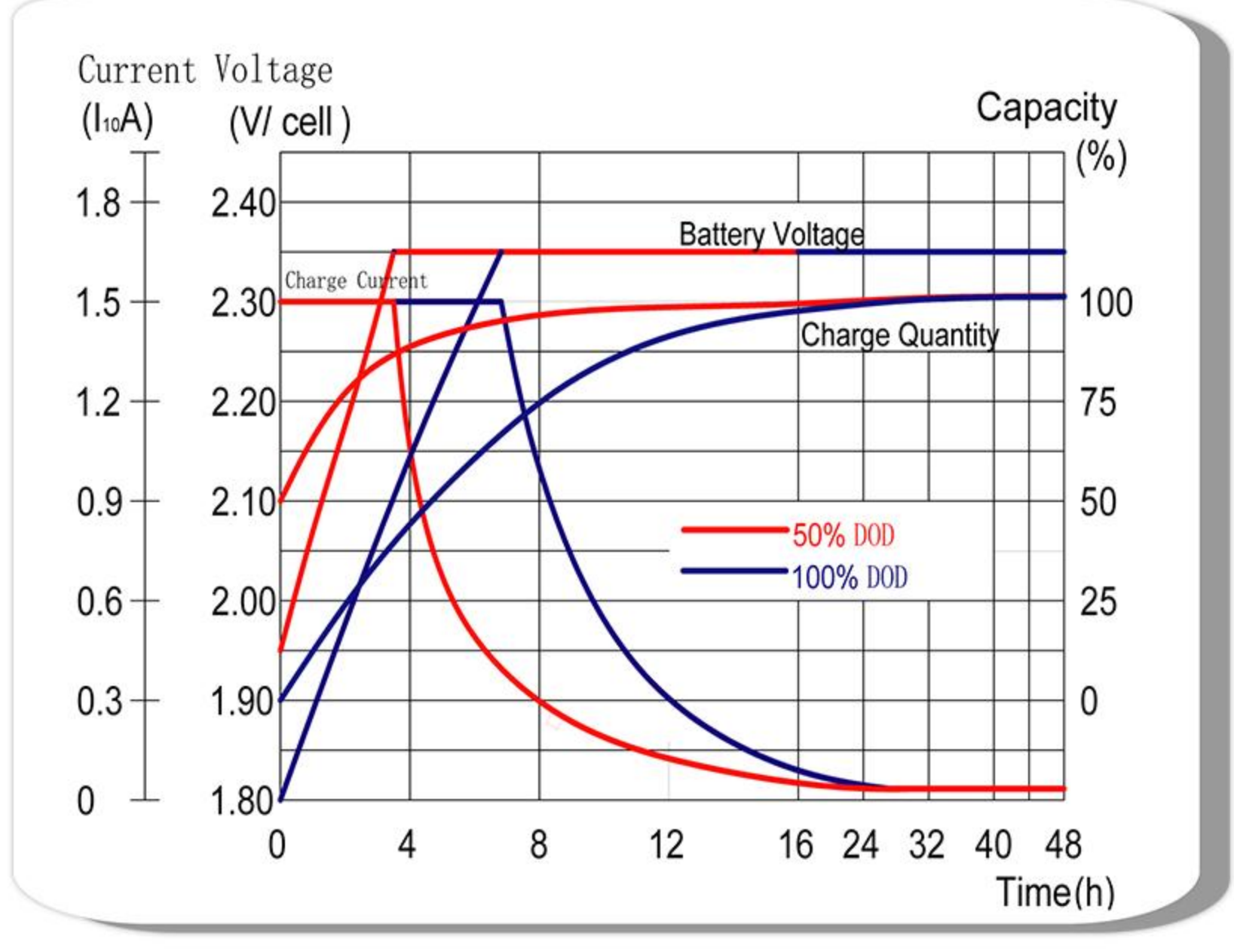
Temperature and discharge capacity



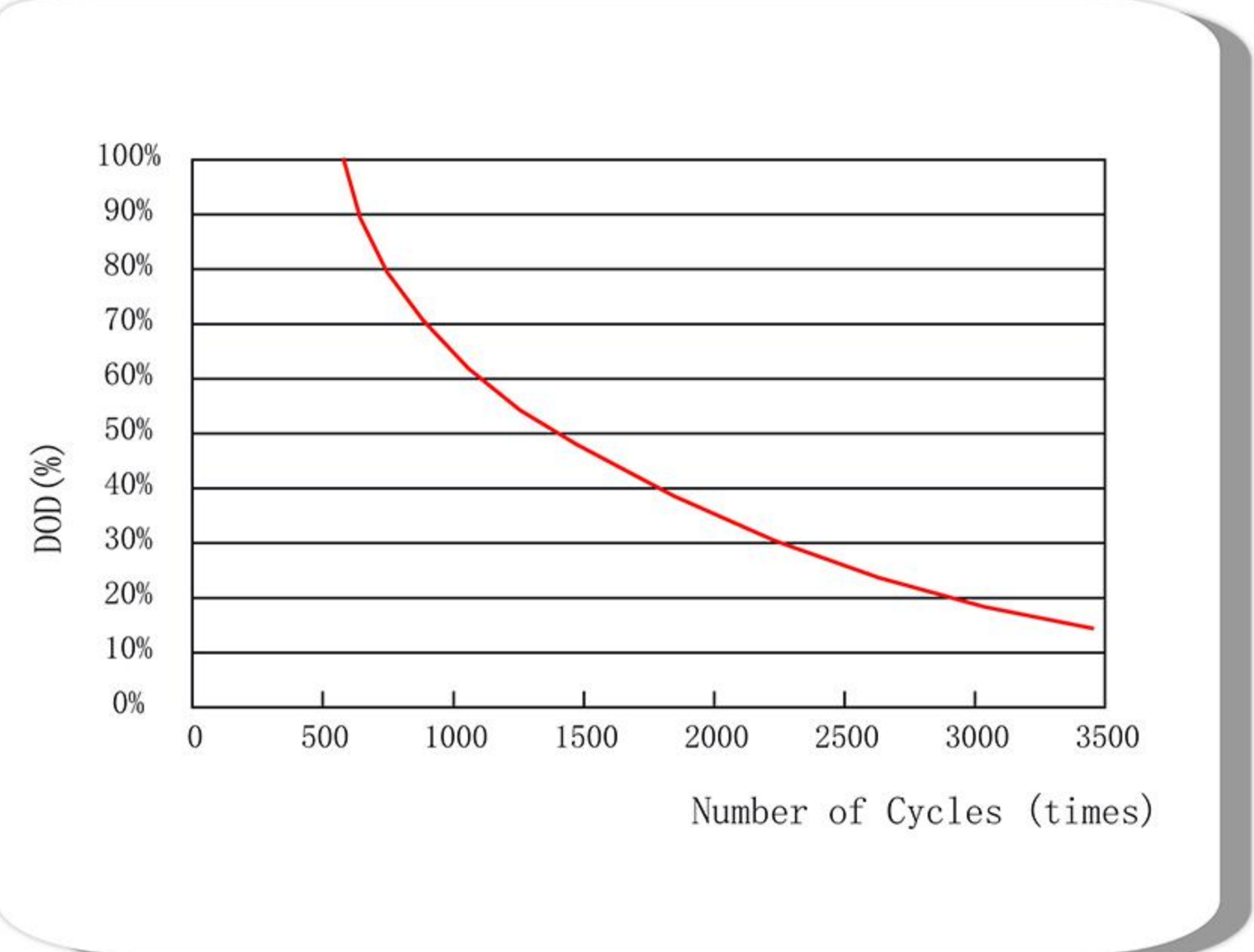
self discharge parameters characteristics



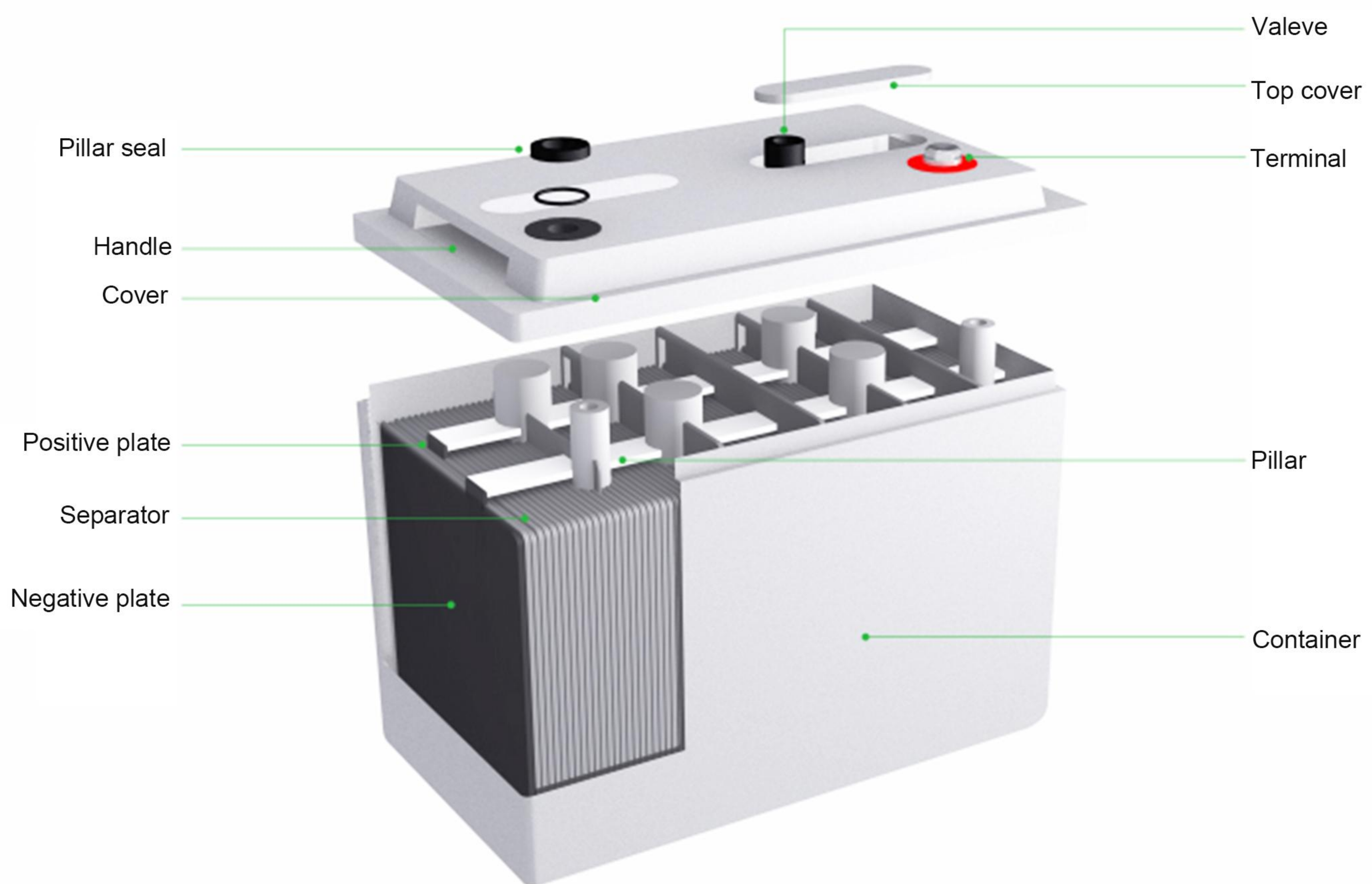
Constant-potential charge



Cycle Service Life (25°C/77°F)



# PRODUCT INTORDUCTION



# PRODUCT DISPLAY



# PRODUCT PACKAGE



# PRODUCT CASES





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