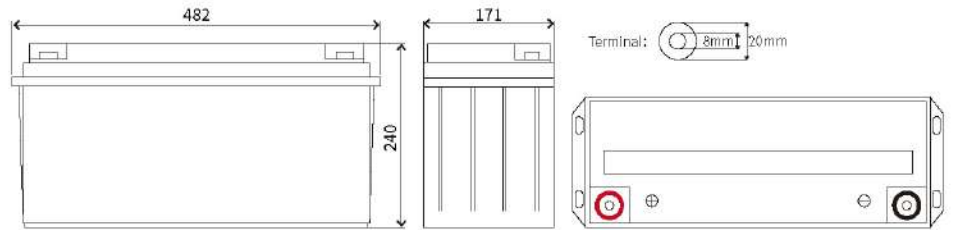


6-CNJ-150GEL BATTERY



Technology data

| Rated voltage | Capacity (10hr, 1.80V/Cell) | Weight | Max discharge current | Max charging current | Self-discharge (25°C) | Recommended Using temperature | Cover Material |
|-----------------------|-----------------------------|--|--------------------------|----------------------|----------------------------------|-------------------------------|----------------|
| 12V | 150Ah | 40Kg | $30I_{10}A(3\text{min})$ | $\leq 0.25C_{10}$ | $\leq 3\%/ \text{month}$ | 15°C~25°C | ABS |
| Using temperature | Charging Voltage (25°C) | Charging Mode (25°C) | | Cycle life | Capacity Affected by Temperature | | |
| Discharge: -45°C~50°C | floating charge: | Float Charge: 2.275±0.025V/Cell | | 100%DOD 572 times | 105% @ 40°C | | |
| Charge: -20°C~45°C | 13.5V-13.8V | Temperature parameters: ±3mV/Cell °C | | 50%DOD 1422 times | 90% @ 0°C | | |
| Storage: -30°C~40°C | equalizing charge: | Cycle Charge: 2.45±0.05V/Cell | | 30%DOD 2218 times | 70% @ -20°C | | |
| | 14.1V-14.4V | Temperature Compensation Coefficient ±5mV/Cell °C | | | | | |

Features

battery, Maintenance free and easy to use, Contemporary advanced technology research and development of new high-performance batteries, It can be widely used in solar energy, wind energy, telecommunication systems, off-grid systems, UPS and other fields. The designed life for the battery could be eight years up for float use.

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

| Termination Voltage (V/Cell) | 1H | 3H | 5H | 10H | 20H | 50H | 100H | 120H | 240H |
|------------------------------|-------|-------|-------|-------|------|------|------|------|------|
| 1.7 | 79.65 | 36.21 | 24.20 | 15.61 | 8.06 | 3.39 | 1.84 | 1.63 | 0.86 |
| 1.75 | 78.06 | 35.84 | 23.77 | 15.39 | 7.88 | 3.26 | 1.72 | 1.52 | 0.80 |
| 1.8 | 76.50 | 35.50 | 23.40 | 15.00 | 7.69 | 3.15 | 1.65 | 1.42 | 0.76 |
| 1.85 | 73.44 | 35.30 | 22.95 | 14.38 | 7.31 | 3.02 | 1.54 | 1.33 | 0.69 |
| 1.9 | 70.51 | 34.99 | 22.61 | 14.08 | 7.19 | 2.93 | 1.49 | 1.27 | 0.65 |
| 1.95 | 67.41 | 34.29 | 22.14 | 13.30 | 6.69 | 2.72 | 1.41 | 1.21 | 0.62 |

Constant current discharge coefficient(25°C, A)

Certificate

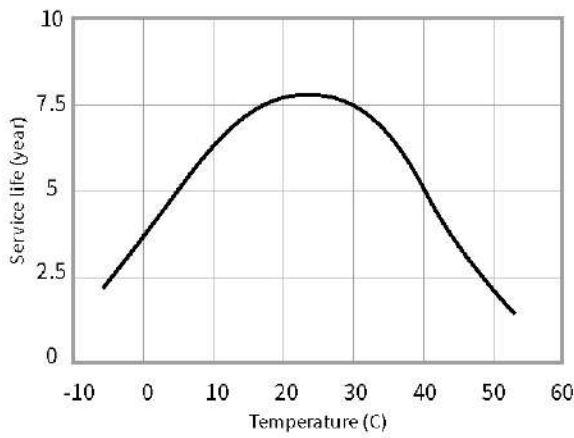
ISO9001
ISO14001
CE
CGC
TLC
High and NEW
Technology
Products Certification



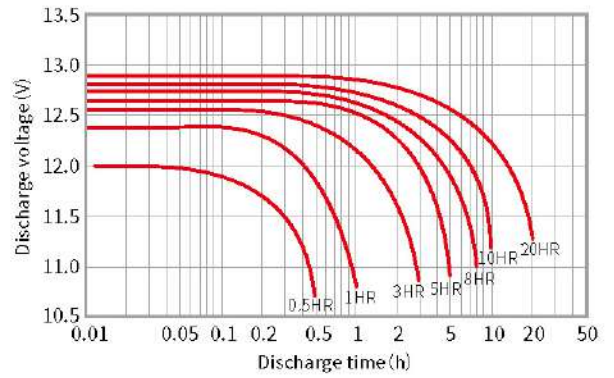
Performance characteristics

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

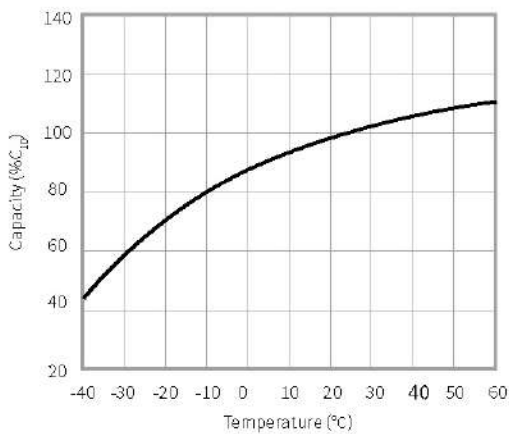
Temperature and service life



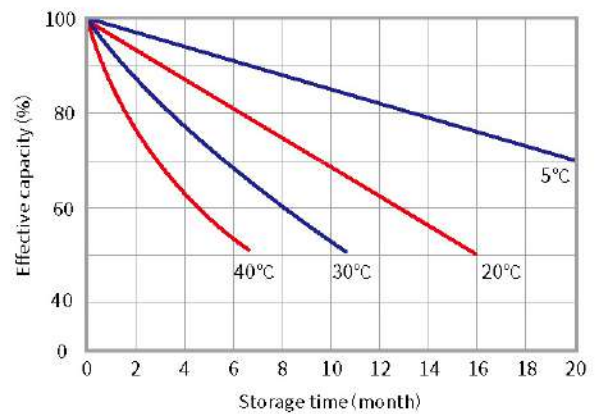
Discharge performance at different discharge rates (25°C/77°F)



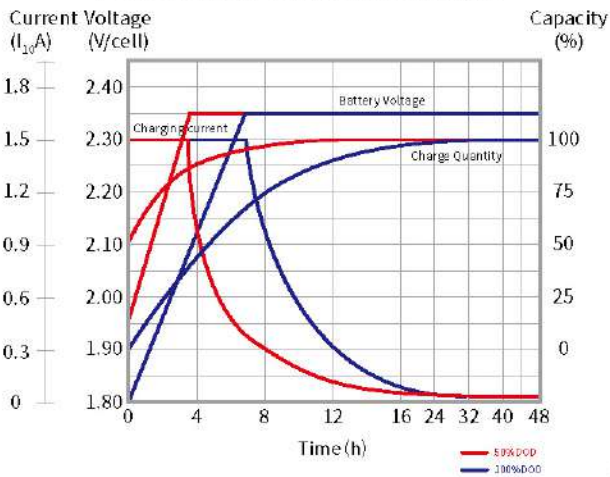
Temperature and discharge capacity



Self discharge parameters characteristics



Constant-potential charge



Cycle Service Life (25°C/77°F)

