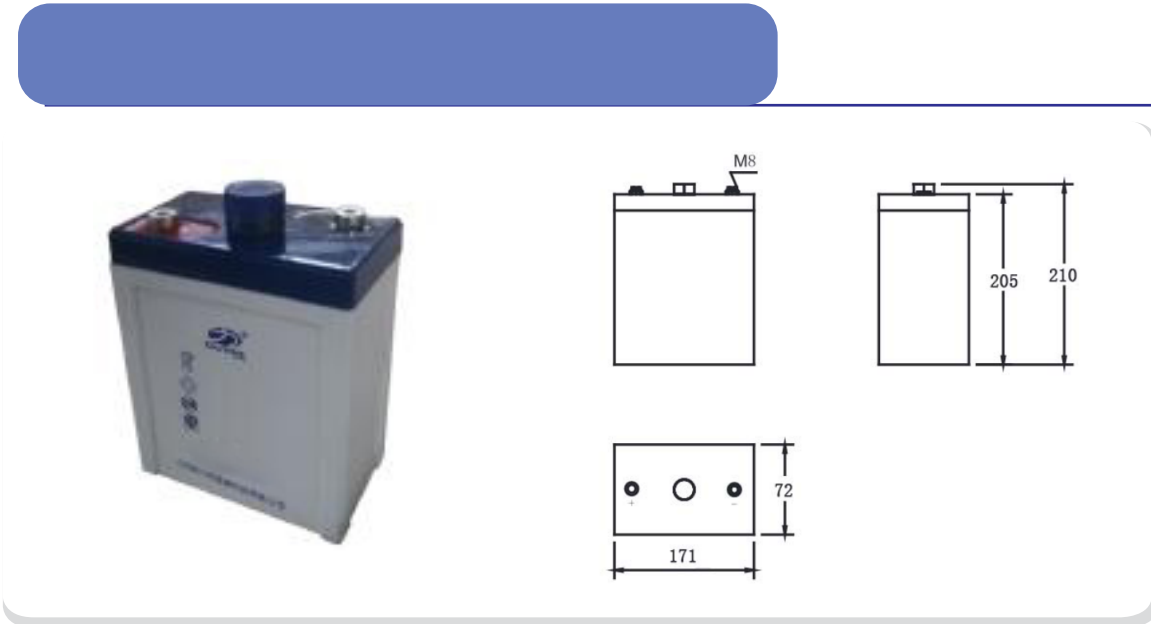


JGFM150-2 GEL BATTERY



Features

“Greensun” 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.

Technology data

| Rated Voltage | Capacity (10hr, 1.80V/Cell) | Weight | Max Discharge Current | Max Charge Current | Self-Discharge (25°C) | Using Temperature | Cover Material |
|--|--|--|-----------------------|---|--|-------------------|----------------|
| 2V | 150Ah | 8.4Kg | 30I 10A (3min) | ≤0.25C10 | ≤3%/month | 15°C~25°C | ABS |
| Using Temperature | Charge Voltage (25°C) | Charge Mode(25°C) | | Cycle life | Capacity Affected by Temperature | | |
| Discharge: -45°C~50°C Charge: -20°C~45°C Storage: -30°C~40°C | Float Charge: 2.25V-2.3V Average Charge: 2.4V-2.45V | Float Charge: 2.275±0.025V/Cell Temperature Compensation Coefficient: ±3 mV/Cell °C Cycle Charge: 2.45±0.05V/Cell Temperature Compensation Coefficient: ±5 mV/Cell °C | | 100%DOD 1260times 80%DOD 1770times | 105 % @ 40°C 90 % @ 0°C 70 % @ -20°C | | |

Certificate

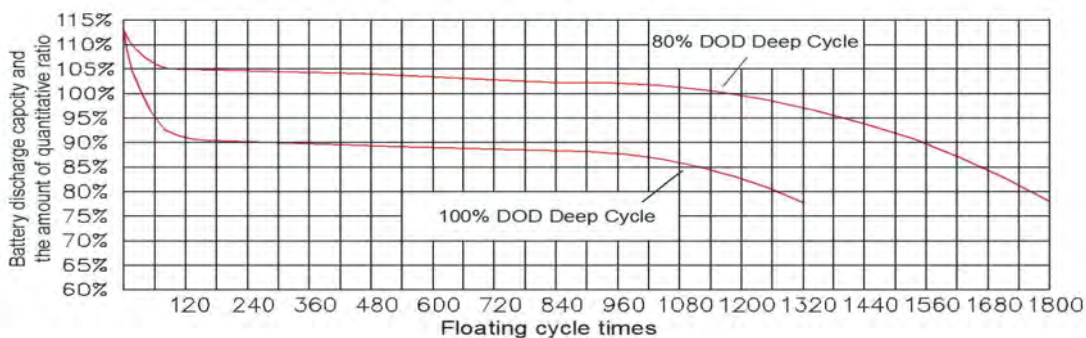
ISO9001
ISO14001
CE
CGC
TLC

High and New Technology Products Certification

Standards:

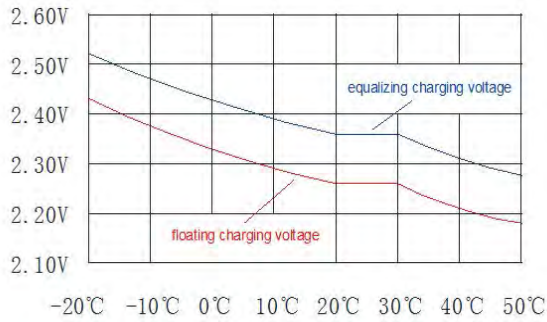
GB/T 19638.2-2005
YD/T799-2002
JISC8704-2:1999

Cycle use curve(Amps,20)

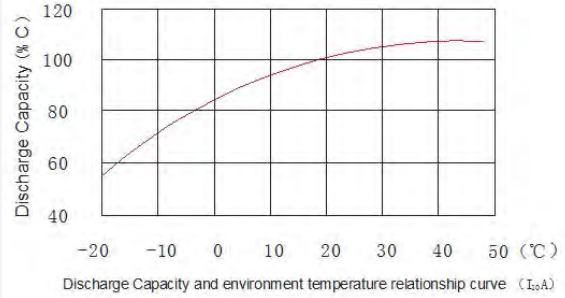


Performance characteristics

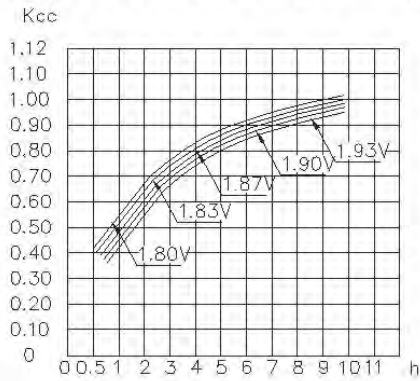
Charging voltage and environment temperature relationship curve



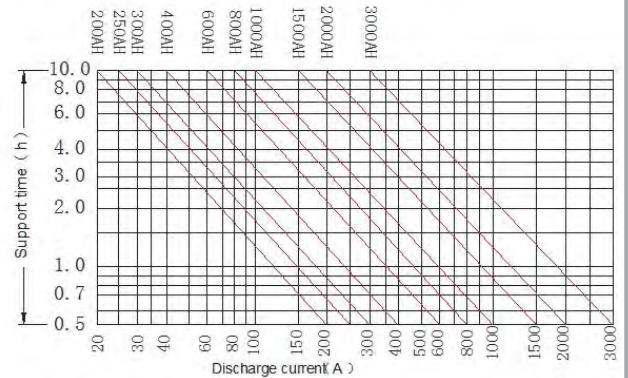
Discharge Capacity and environment temperature relationship curve



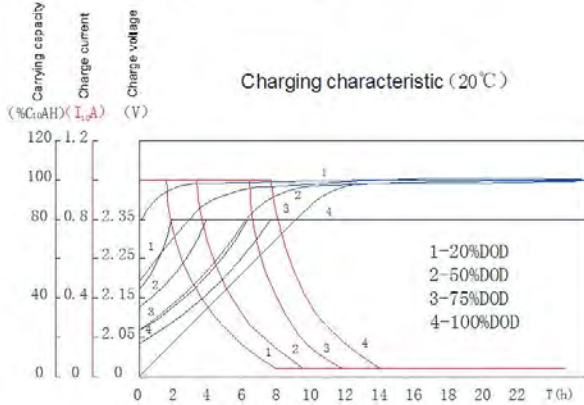
Discharge Capacity and Discharge time Relationship Curve



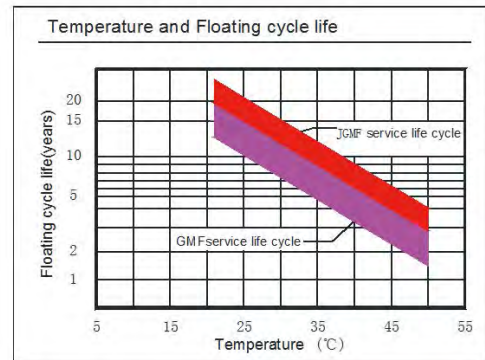
The discharge current and support time



Charge current and charge time relationship curve



Temperature and Floating cycle life



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.

