

Product Features

- Sulfuric acid immobilized as a gel using the gaseous SiO₂ which imported from Germany as main electrolyte, The GEL state electrolyte prevents leakage and layering;
- Low resistance PVC-SiO₂ micro-porous separator ensure low internal resistance;
- Paste type, thick plate design, good corrosion resistance, long service life;
- Advanced gel technology, the battery has good charge acceptance ability and good performance in poor power supply condition.

Application

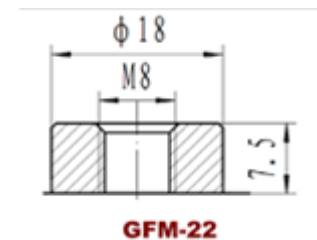
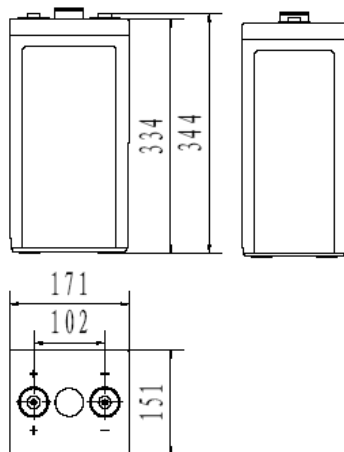
- Telecom
- Nuclear power, standby power supply
- Renewable Energy;
- CATV
- General electronic
- EPS/UPS

Compliant Standards

- IEC 60896-21/22: 2004
- IEC 61427-2005
- DIN43539-T5 1984
- YD/T1360-2005
- GB/T 22473-2008
- Passed ISO9001、ISO14001、OHSAS18001、UL and CE certificate
- Eurobat guide;

Safety

- installation compliant with:EN50272-2

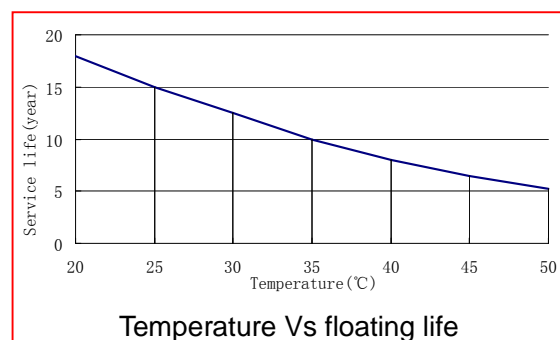
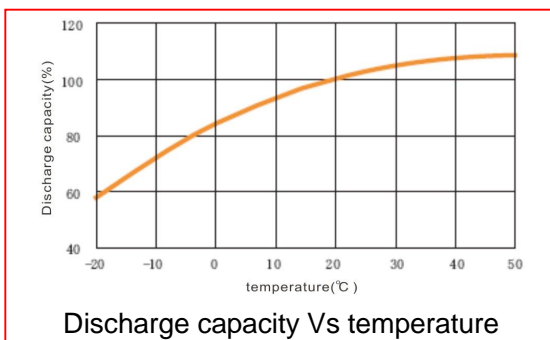
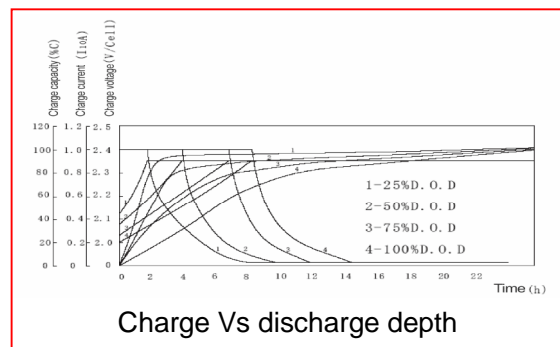
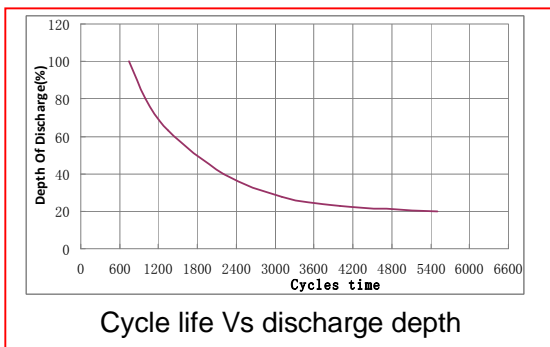


| | | | | |
|-----------------------|--|------------------|------------------|-----------------|
| Battery Model | GFMJ-300 | | | |
| Designed Life | 15 Years | | | |
| Capacity(25°C) | 10HR(30A,1.80V) | 5HR(52.5A,1.80V) | 3HR(76.8A,1.80V) | 1HR(168A,1.80V) |
| | 300AH | 262.5AH | 230.4AH | 168AH |
| Dimensions | Length | Width | Height | Total Height |
| | 171mm | 151mm | 334mm | 344mm |
| Approx. Weight | 21.3kg | | | |
| Internal Resistance | 0.54mΩ | | | |
| Max Discharge Current | 1845A(3 Sec.) | | | |
| Self Discharge | ≤2% per months (25°C) | | | |
| Charge Voltage(25°C) | Cycle use | | Float use | |
| | 2.33V(-3.5mV/°C), max charge current:60A | | 2.23V(-3.5mV/°C) | |

Discharge parameter:

| Constant current discharge data (25°C, A) | | | | | | | | | | | | | | | | | | |
|---|------|--------|--------|--------|--------|-------|--------|------|-------|-------|-------|-------|-------|-------|------|------|------|------|
| End voltage (V/cell) | 5min | 10 min | 15 min | 20 min | 30 min | 1h | 2h | 3h | 5h | 6h | 8h | 10h | 20h | 24h | 48h | 100h | 120h | 240h |
| 1.65 | 510 | 465 | 432 | 390 | 303 | 187.5 | 112.5 | 82.5 | 57 | 51 | 39.9 | 33.75 | 16.95 | 14.22 | 7.29 | 3.75 | 3.27 | 1.74 |
| 1.70 | 480 | 442.5 | 390 | 340.5 | 285 | 184.5 | 110.55 | 81.6 | 55.65 | 48.3 | 38.7 | 31.95 | 16.65 | 14.05 | 7.29 | 3.75 | 3.27 | 1.74 |
| 1.75 | 450 | 418.5 | 372 | 328.5 | 276 | 181.5 | 108.45 | 80.4 | 54.6 | 47.55 | 37.95 | 31.35 | 16.5 | 13.9 | 7.29 | 3.75 | 3.27 | 1.74 |
| 1.80 | 420 | 397.5 | 343.5 | 303 | 255 | 168 | 104.1 | 76.8 | 52.5 | 45.75 | 36.45 | 30 | 16.2 | 13.72 | 7.29 | 3.75 | 3.27 | 1.74 |
| 1.85 | 360 | 343.5 | 313.5 | 283.5 | 238.5 | 162 | 97.95 | 72 | 49.35 | 42.9 | 34.2 | 28.35 | 15.3 | 13.2 | 7.29 | 3.75 | 3.27 | 1.74 |

| Constant power discharge data (25°C, W/cell) | | | | | | | | | | | | | | | | | | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|
| End voltage (V/cell) | 5min | 10min | 15min | 20min | 30min | 1h | 2h | 3h | 5h | 6h | 8h | 10h | 20h | 24h | 48h | 100h | 120h | 240h |
| 1.65 | 891 | 826.5 | 777 | 706.5 | 553.5 | 348 | 210 | 156 | 108 | 75.15 | 60 | 49.5 | 25.35 | 27.45 | 14.58 | 7.5 | 6.6 | 3.51 |
| 1.70 | 853.5 | 801 | 712.5 | 627 | 526.5 | 345 | 208.5 | 156 | 106.5 | 72.9 | 57.75 | 47.85 | 25.05 | 27.45 | 14.58 | 7.5 | 6.6 | 3.51 |
| 1.75 | 820.5 | 772.5 | 693 | 615 | 519 | 343.5 | 207 | 154.5 | 105 | 70.35 | 55.8 | 46.05 | 24.75 | 27.45 | 14.58 | 7.5 | 6.6 | 3.51 |
| 1.80 | 784.5 | 747 | 651 | 574.5 | 487.5 | 321 | 202.5 | 148.5 | 102 | 67.8 | 53.7 | 45 | 24.15 | 27.45 | 14.58 | 7.5 | 6.6 | 3.51 |
| 1.85 | 687 | 658.5 | 603 | 549 | 463.5 | 316.5 | 192 | 141 | 97.5 | 64.35 | 51.15 | 42.45 | 22.95 | 26.4 | 14.58 | 7.5 | 6.6 | 3.51 |

Performance Curve:


Address: NO.1 Shengyang Road, Qufu, Shandong 273100 China

Tel: +86-537-4438666-6028

Fax: +86-537-4411936

E-mail: sales@sacredsun.cn

<http://www.sacredsun.com>