

### Product Features

- Sulfuric acid immobilized as a gel using the gaseous SiO<sub>2</sub> which imported from Germany as main electrolyte, The GEL state electrolyte prevents leakage and layering;
- Low resistance PVC-SiO<sub>2</sub> 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

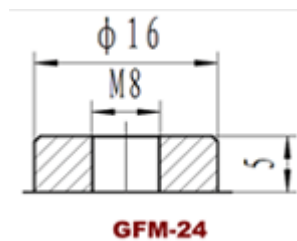
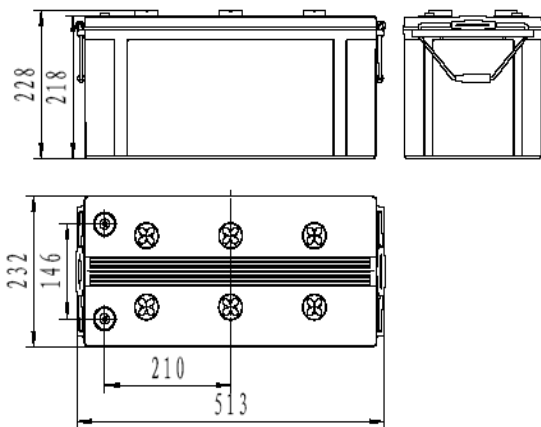
- Telecom
- Nuclear power, standby power supply
- Renewable Energy;
- CATV
- General electronic
- EPS/UPS

### Compliant Standards

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

### Safety

- installation compliant with:EN50272-2



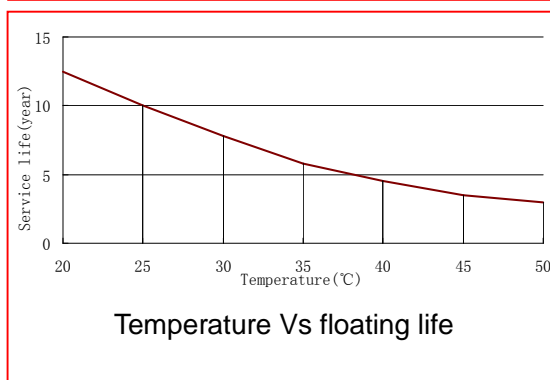
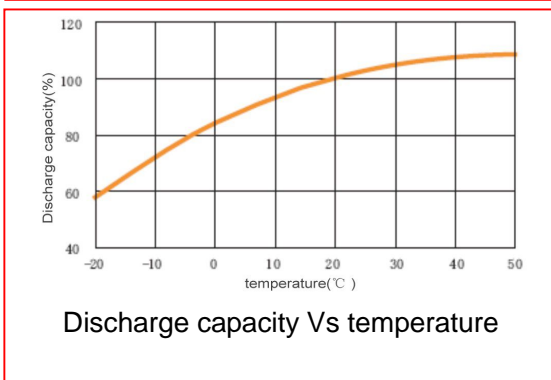
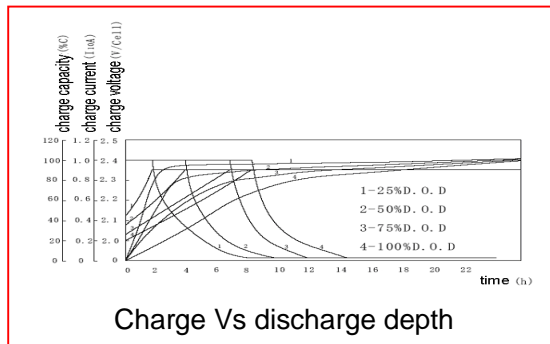
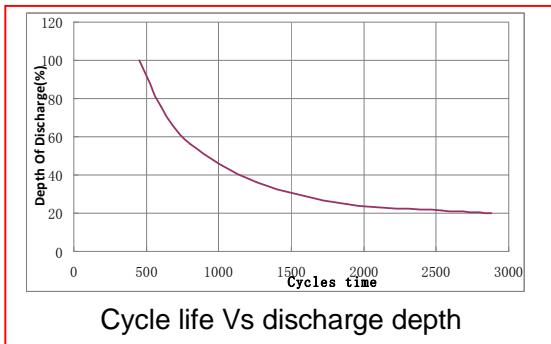
|                      |                              |                |                  |                  |
|----------------------|------------------------------|----------------|------------------|------------------|
| Battery Model        | 6FMJ-150                     |                |                  |                  |
| Designed Life        | 10 Years                     |                |                  |                  |
| Capacity(25°C)       | 10HR(15A,1.80                | 5HR(25.5A,1.80 | 3HR(37.5A,1.80V) | 1HR(75.0A,1.80V) |
|                      | 150AH                        | 127.5AH        | 112.5AH          | 75AH             |
| Dimensions           | Length                       | Width          | Height           | Total Height     |
|                      | 513mm                        | 232mm          | 218mm            | 228mm            |
| Approx. Weight       | 59.0kg                       |                |                  |                  |
| Internal Resistance  | 3.55mΩ                       |                |                  |                  |
| Maximum Discharge    | 1472A(3 Sec.)                |                |                  |                  |
| Self Discharge       | ≤2% per months (25°C)        |                |                  |                  |
| Charge Voltage(25°C) | Cycle use                    |                | Float use        |                  |
|                      | 13.98V(-21mV/°C), max charge |                | 13.38V(-21mV/°C) |                  |

**Discharge parameter:**
**Constant current discharge data (25°C, A)**

| End voltage (V/cell) | 5min  | 10min | 15min | 20min | 30min | 45min | 1h   | 1.5h | 2h   | 3h   | 5h   | 10h  | 20h  | 24h  | 48h  | 100h | 120h | 240h |
|----------------------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1.60                 | 410.6 | 299.3 | 233.1 | 195.5 | 142.9 | 102   | 80.7 | 66.1 | 50.6 | 39.0 | 25.5 | 15.0 | 7.94 | 6.79 | 3.58 | 1.84 | 1.61 | 0.85 |
| 1.65                 | 389.6 | 288.7 | 228.6 | 192.5 | 141.4 | 101.2 | 79.6 | 65.2 | 50.6 | 39.0 | 25.5 | 15.0 | 7.94 | 6.79 | 3.58 | 1.84 | 1.61 | 0.85 |
| 1.70                 | 366.9 | 273.7 | 224.0 | 188.1 | 139.8 | 100.5 | 78.3 | 64.1 | 50.6 | 39.0 | 25.5 | 15.0 | 7.94 | 6.79 | 3.58 | 1.84 | 1.61 | 0.85 |
| 1.75                 | 339.9 | 254.2 | 216.6 | 180.5 | 135.4 | 99.8  | 77.2 | 63.2 | 50.6 | 39.0 | 25.5 | 15.0 | 7.94 | 6.79 | 3.58 | 1.84 | 1.61 | 0.85 |
| 1.80                 | 290.2 | 231.6 | 203.1 | 168.5 | 127.9 | 98.6  | 75.0 | 61.4 | 49.1 | 37.5 | 25.5 | 15.0 | 7.64 | 6.47 | 3.58 | 1.84 | 1.61 | 0.85 |

**Constant power discharge data (25°C, W/cell)**

| End voltage (V/cell) | 5min  | 10min | 15min | 20min | 30min | 45min | 1h    | 1.5h  | 2h   | 3h    | 5h    | 10h   | 20h   | 24h   | 48h  | 100h | 120h | 240h |
|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|-------|-------|------|------|------|------|
| 1.60                 | 739.5 | 554.0 | 434.9 | 365.0 | 273.5 | 205.7 | 160.2 | 124.5 | 97.5 | 70.7  | 48.3  | 28.5  | 15.3  | 13.73 | 7.29 | 3.75 | 3.30 | 1.76 |
| 1.65                 | 687.9 | 533.6 | 425.3 | 360.6 | 271.1 | 203.9 | 157.4 | 123.6 | 97.5 | 70.65 | 48.3  | 28.2  | 15.3  | 13.73 | 7.29 | 3.75 | 3.3  | 1.76 |
| 1.70                 | 629.0 | 504.2 | 411.0 | 353.3 | 267.3 | 201.0 | 157.4 | 122.4 | 97.5 | 70.65 | 48.3  | 28.2  | 15.3  | 13.73 | 7.29 | 3.75 | 3.3  | 1.76 |
| 1.75                 | 579.8 | 467.3 | 398.3 | 339.9 | 260.4 | 196.4 | 154.5 | 121.2 | 97.5 | 70.65 | 48.3  | 27.9  | 15.3  | 13.73 | 7.29 | 3.75 | 3.3  | 1.76 |
| 1.80                 | 539.4 | 426.0 | 380.3 | 318.5 | 248.1 | 189.3 | 152.4 | 118.4 | 95.1 | 68.85 | 45.75 | 27.15 | 14.88 | 13.2  | 7.29 | 3.75 | 3.3  | 1.76 |

**Performance Curve:**


ISO9001 ISO14001 OHSAS18001

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