

**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**

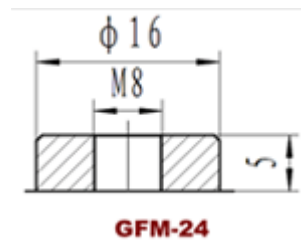
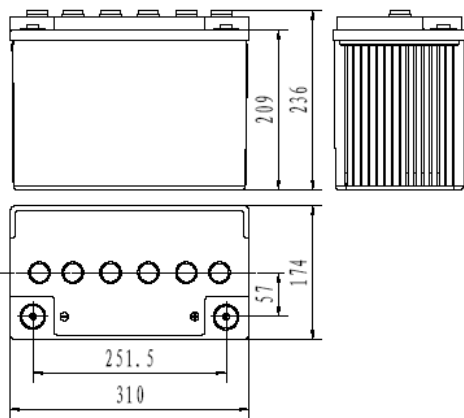
- Telecom
- Nuclear power, standby power supply
- Renewable Energy;
- CATV
- General electronic
- EPS/UPS

**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

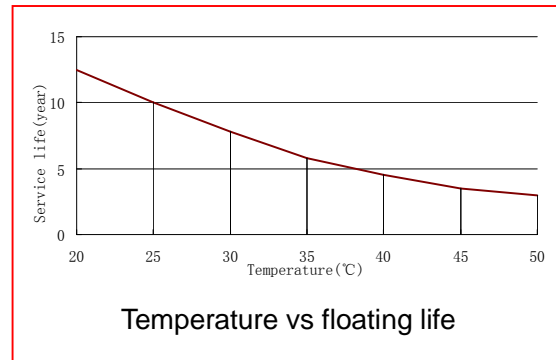
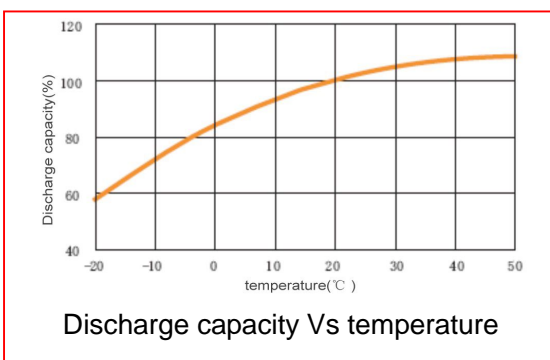
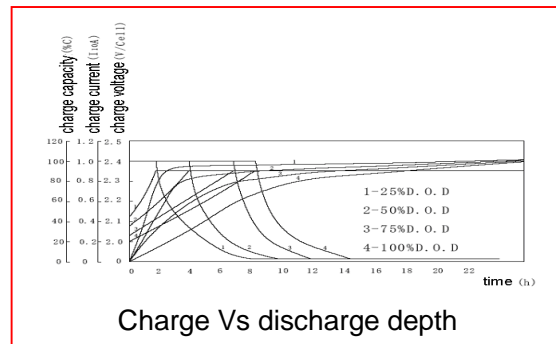
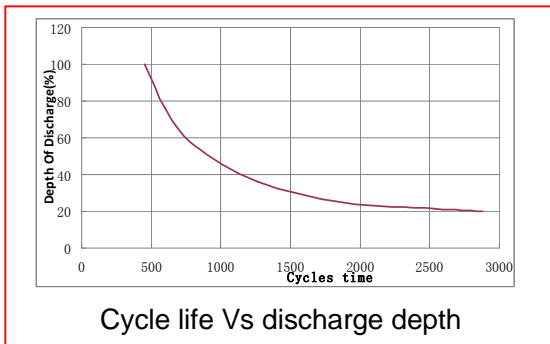


|                           |  |                  |                  |                  |
|---------------------------|--|------------------|------------------|------------------|
| Battery Model             | 6FMJ-65                                  |                  |                  |                  |
| Designed Life             | 10 Years                                 |                  |                  |                  |
| Capacity(25°C)            | 10HR(6.5A,1.80V)                         | 5HR(11.1A,1.80V) | 3HR(16.3A,1.80V) | 1HR(32.5A,1.80V) |
|                           | 65AH                                     | 55.5AH           | 48.9AH           | 32.5AH           |
| Dimensions                | Length                                   | Width            | Height           | Total Height     |
|                           | 310mm                                    | 174mm            | 209mm            | 236mm            |
| Approx. Weight            | 27.0kg                                   |                  |                  |                  |
| Internal Resistance       | 7.25mΩ                                   |                  |                  |                  |
| Maximum Discharge Current | 828A(3 Sec.)                             |                  |                  |                  |
| Self Discharge            | ≤2% per months (25°C)                    |                  |                  |                  |
| Charge Voltage(25°C)      | Cycle use                                |                  |                  | Float use        |
|                           | 13.98V(-21mV/°C), max charge current:13A |                  |                  | 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                                      | 177.9 | 129.7 | 101   | 84.8  | 61.9  | 46.5  | 36.9 | 28.6 | 22   | 16.7 | 11.2 | 6.5 | 3.44 | 2.94 | 1.55 | 0.79 | 0.7  | 0.37 |
| 1.65                                      | 168.9 | 125.1 | 99.1  | 83.4  | 61.3  | 45.6  | 36.1 | 28.2 | 22   | 16.7 | 11.2 | 6.5 | 3.44 | 2.94 | 1.55 | 0.79 | 0.7  | 0.37 |
| 1.70                                      | 159   | 118.6 | 97.1  | 81.4  | 60.6  | 43.2  | 34.9 | 27.7 | 22   | 16.7 | 11.2 | 6.5 | 3.44 | 2.94 | 1.55 | 0.79 | 0.7  | 0.37 |
| 1.75                                      | 147.3 | 110.2 | 93.8  | 78.2  | 58.7  | 41.5  | 33.8 | 27.4 | 22   | 16.7 | 11.2 | 6.5 | 3.44 | 2.94 | 1.55 | 0.79 | 0.7  | 0.37 |
| 1.80                                      | 125.7 | 100.4 | 88    | 73    | 55.5  | 40.2  | 32.5 | 26.7 | 21.3 | 16.3 | 11.1 | 6.5 | 3.31 | 2.8  | 1.55 | 0.79 | 0.7  | 0.37 |

| 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   | 320.5 | 240.0 | 188.4 | 158.1 | 118.5 | 89.1  | 69.4 | 54.0 | 42.3 | 30.6 | 20.9 | 12.4 | 6.6 | 5.95 | 3.16 | 1.63 | 1.43 | 0.76 |
| 1.65   | 298.1 | 231.2 | 184.3 | 156.3 | 117.5 | 88.3  | 68.2 | 53.6 | 42.3 | 30.6 | 20.9 | 12.2 | 6.6 | 5.95 | 3.16 | 1.63 | 1.43 | 0.76 |
| 1.70   | 272.5 | 218.5 | 178.1 | 153.1 | 115.8 | 87.1  | 68.2 | 53.0 | 42.3 | 30.6 | 20.9 | 12.2 | 6.6 | 5.95 | 3.16 | 1.63 | 1.43 | 0.76 |
| 1.75   | 251.2 | 202.5 | 172.6 | 147.3 | 112.8 | 85.1  | 67.0 | 52.5 | 42.3 | 30.6 | 20.9 | 12.1 | 6.6 | 5.95 | 3.16 | 1.63 | 1.43 | 0.76 |
| 1.80   | 233.7 | 184.6 | 164.8 | 138.0 | 107.5 | 82.0  | 66.0 | 51.3 | 41.2 | 29.8 | 19.8 | 11.8 | 6.4 | 5.72 | 3.16 | 1.63 | 1.43 | 0.76 |

**Performance Curve:**


ISO9001 ISO14001 OHSAS18001

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