

**Product Features**

- Larger capacity, thick plate structural design, long battery life;
- Horizontal installation method effectively prevent electrolyte stratification;
- Multi layer stacking, modular structure design is convenient for installation and maintenance, effectively save space;

**Application**

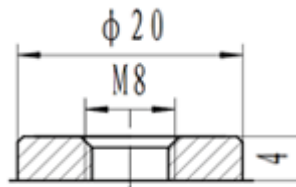
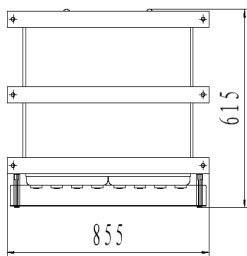
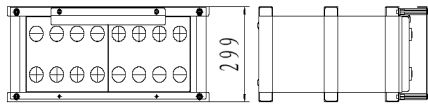
- Telecom
- Emergency lighting
- General electronic
- Energy utility: production, Transport, distribution, switchgear
- Renewable Energy;
- EPS/UPS

**Compliant Standards**

- GB/T 19638.2-2005
- YD/T 799-2010
- DL/T 637-1997
- IEC 60896-21/22: 2004
- Passed ISO9001、ISO14001、OHSAS18001、UL and CE certificate
- Eurobat guide;

**Safety**

- installation compliant with:EN50272-2

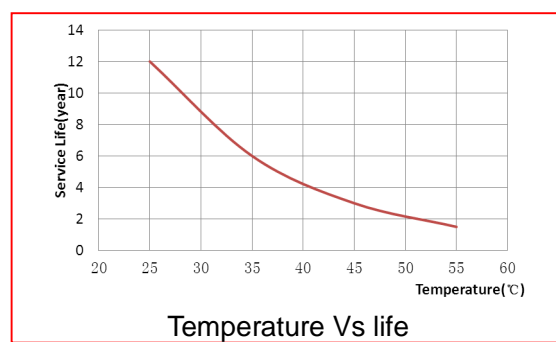
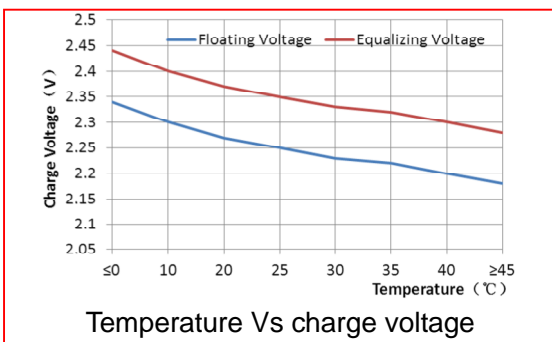
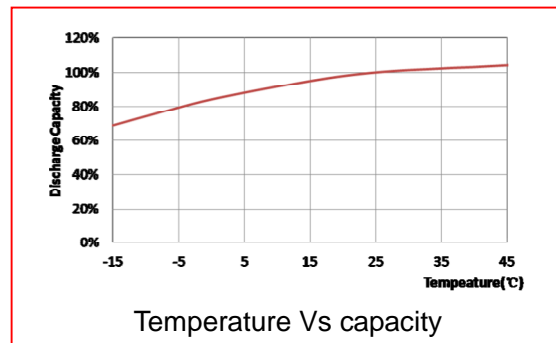
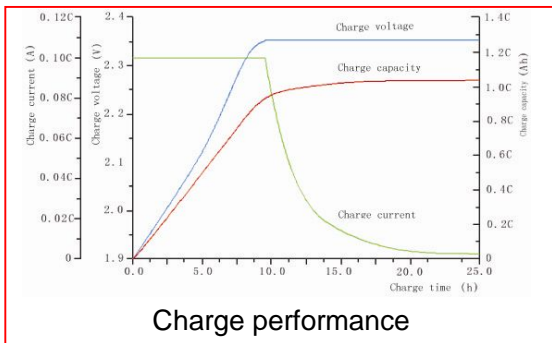

**GFM-26**

|                        |  |                 |                  |                  |
|------------------------|--|-----------------|------------------|------------------|
| Battery Module         | 2GFM-2000H   |                 |                  |                  |
| Battery pcs per module | 2 Pcs per module   |                 |                  |                  |
| Designed Life          | 18 Years   |                 |                  |                  |
| Capacity(25°C)         | 10HR(200A,1.80V)   | 5HR(340A,1.80V) | 3HR(501A,1.80V)  | 1HR(1100A,1.75V) |
|                        | 2000AH   | 1700AH          | 1500AH           | 1100AH           |
| Dimensions             | Depth  | Width           | Height           | Total Height     |
|                        | 615mm  | 855mm           | 299mm            | 299mm            |
| Approx. Weight         | 270.6kg  |                 |                  |                  |
| Internal Resistance    | 0.28m Ω per battery for fully charged battery at 25°C<br>Test instrumentation: HIOKI 3551 BATTERY HITESTER |                 |                  |                  |
| Max Discharge Current  | 8800A(5 Sec.)  |                 |                  |                  |
| Self Discharge         | ≤ 1% per months (25°C)   |                 |                  |                  |
| Charge Voltage(25°C)   | Cycle use  |                 | Float use        |                  |
|                        | 2.35V(-3.5mV/°C), max charge current:300A  |                 | 2.25V(-3.5mV/°C) |                  |

**Discharge parameter:**

| Constant current discharge data (25°C, A) |      |      |      |      |      |      |      |      |     |     |     |     |     |     |     |     |     |     |      |
|---|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| End voltage (V/cell)                      | min  |      |      |      |      |      |      | h    |     |     |     |     |     |     |     |     |     |     |      |
|   | 5    | 10   | 15   | 20   | 30   | 40   | 50   | 1    | 1.5 | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 24   |
| 1.60                                      | 2900 | 2576 | 2400 | 2254 | 1959 | 1607 | 1352 | 1177 | 862 | 724 | 532 | 422 | 357 | 313 | 280 | 256 | 230 | 208 | 94.6 |
| 1.65                                      | 2679 | 2388 | 2260 | 2099 | 1804 | 1507 | 1291 | 1142 | 849 | 704 | 521 | 417 | 353 | 309 | 277 | 251 | 226 | 206 | 93.0 |
| 1.70                                      | 2479 | 2249 | 2140 | 1959 | 1652 | 1416 | 1243 | 1117 | 837 | 682 | 514 | 412 | 349 | 306 | 274 | 249 | 224 | 204 | 91.2 |
| 1.75                                      | 2312 | 2123 | 2020 | 1832 | 1524 | 1337 | 1208 | 1100 | 824 | 672 | 508 | 408 | 345 | 303 | 271 | 246 | 222 | 202 | 89.8 |
| 1.80                                      | 2080 | 1977 | 1884 | 1722 | 1432 | 1262 | 1151 | 1036 | 807 | 663 | 500 | 403 | 340 | 300 | 269 | 244 | 220 | 200 | 88.0 |

| Constant power discharge data (25°C, W/cell) |      |      |      |      |      |      |      |      |      |      |      |     |     |     |     |     |     |     |     |
|--|------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|
| End voltage (V/cell)                         | min  |      |      |      |      |      |      | h    |      |      |      |     |     |     |     |     |     |     |     |
|  | 5    | 10   | 15   | 20   | 30   | 40   | 50   | 1    | 1.5  | 2    | 3    | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 24  |
| 1.60   | 4600 | 4342 | 4053 | 3733 | 3166 | 2741 | 2420 | 2165 | 1691 | 1387 | 1019 | 822 | 697 | 610 | 546 | 495 | 450 | 413 | 195 |
| 1.65   | 4294 | 4053 | 3792 | 3492 | 2995 | 2609 | 2335 | 2104 | 1648 | 1352 | 998  | 804 | 684 | 596 | 535 | 485 | 443 | 405 | 193 |
| 1.70   | 4008 | 3774 | 3515 | 3245 | 2834 | 2502 | 2249 | 2056 | 1611 | 1318 | 975  | 785 | 667 | 584 | 524 | 475 | 433 | 399 | 190 |
| 1.75   | 3758 | 3539 | 3318 | 3063 | 2674 | 2398 | 2189 | 2009 | 1570 | 1285 | 951  | 764 | 650 | 569 | 512 | 465 | 426 | 391 | 188 |
| 1.80   | 3461 | 3281 | 3083 | 2865 | 2551 | 2299 | 2127 | 1956 | 1538 | 1250 | 931  | 748 | 636 | 557 | 501 | 456 | 418 | 386 | 185 |

**Performance Curve:**


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