

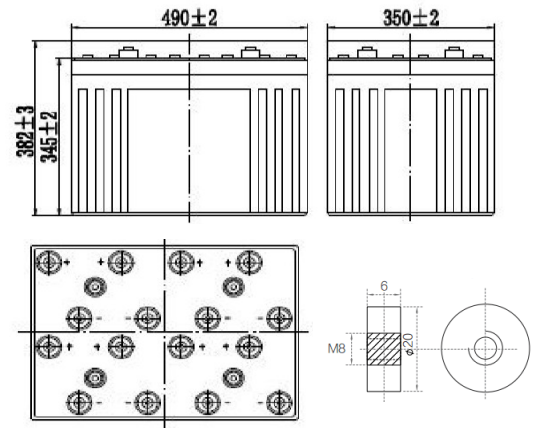
## STANDBY SERIES GFM-2000C(2V2000AH/10HR)

### Specifications

|                                  |  |                              |
|----------------------------------|--|------------------------------|
| Nominal Voltage                  | 2V   |                              |
| Nominal Capacity(10hr)           | 2000AH   |                              |
| Dimension                        | Length   | 490±2mm(19.29inch)           |
|                                  | Width  | 350±2mm(13.78inch)           |
|                                  | Height   | 345±2mm(13.58inch)           |
|                                  | Total Height                                     | 382±2mm(15.04inch)           |
| Approx Weight                    | Approx.110.0kg(+/-4%)                            |                              |
| Terminal Type                    | M8   |                              |
| container Material               | ABS(UL94-V0)                                     |                              |
| Internal Resistance              | Approx. 0.5mΩ                                    |                              |
| Rated Capacity                   | 2060AH   | (20hr, 1.75V/cell,25°C/77°F) |
|                                  | 2000AH   | (10hr, 1.75V/cell,25°C/77°F) |
|                                  | 1670AH   | (5hr, 1.75V/cell,25°C/77°F)  |
|                                  | 1500AH   | (3hr, 1.75V/cell,25°C/77°F)  |
|                                  | 1100AH   | (1hr, 1.75V/cell,25°C/77°F)  |
| Max. Discharge Current           | 10000A(5S)                                       |                              |
| Nominal Operating Temp. Range    | 25±3°C (77±5°F)                                  |                              |
| Cycle Use                        | Charge Current Less Than 0.25CA                  |                              |
|                                  | 2.35V~2.45@25°C(77°F)Temp. Coefficient -30mV/°C  |                              |
| Floating Use                     | No limit on Initial Charging Current Voltage     |                              |
|                                  | 2.25V~2.30V@25°C(77°F)Temp. Coefficient -20mV/°C |                              |
| Capacity affected by Temperature | 40°C   | 103%                         |
|                                  | 25°C   | 100%                         |
|                                  | 0°C  | 86%                          |
|                                  | -15°C  | 65%                          |
| Self-discharge                   | 3 month  | Remaining capacity: 91%      |
|                                  | 6 month  | Remaining capacity:82%       |
|                                  | 12month  | Remaining capacity:65%       |



### Dimensions

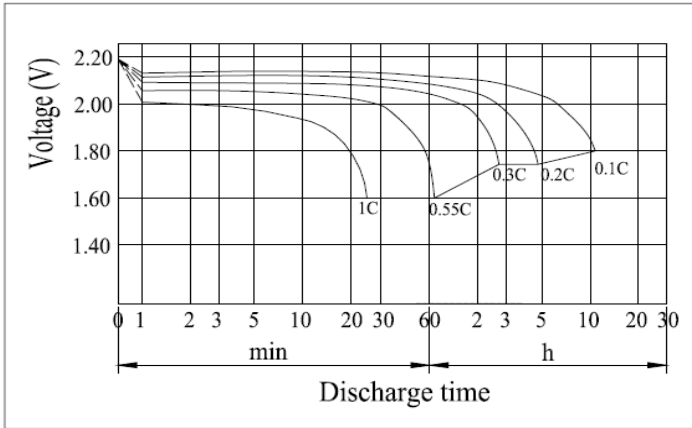


| Constant Power Discharge at 25°C(77°F) |       |       |       |      |      |      |     |     |     |     |     |     |
|--|-------|-------|-------|------|------|------|-----|-----|-----|-----|-----|-----|
| F.V/Time                               | 10min | 15min | 30min | 1h   | 2h   | 3h   | 4h  | 5h  | 6h  | 8h  | 10h | 20h |
| 1.80V/cell                             | 9313  | 6209  | 3027  | 2043 | 1265 | 957  | 780 | 647 | 569 | 463 | 388 | 199 |
| 1.75V/cell                             | 9425  | 6283  | 3063  | 2068 | 1280 | 968  | 789 | 654 | 576 | 469 | 393 | 201 |
| 1.70V/cell                             | /     | 6660  | 3247  | 2151 | 1303 | 985  | 803 | 666 | 586 | 477 | 400 | 205 |
| 1.67V/cell                             | /     | 7226  | 3523  | 2271 | 1317 | 996  | 812 | 673 | 592 | 482 | 404 | 207 |
| 1.60V/cell                             | /     | 7603  | 3706  | 2368 | 1331 | 1007 | 821 | 680 | 599 | 487 | 408 | 209 |

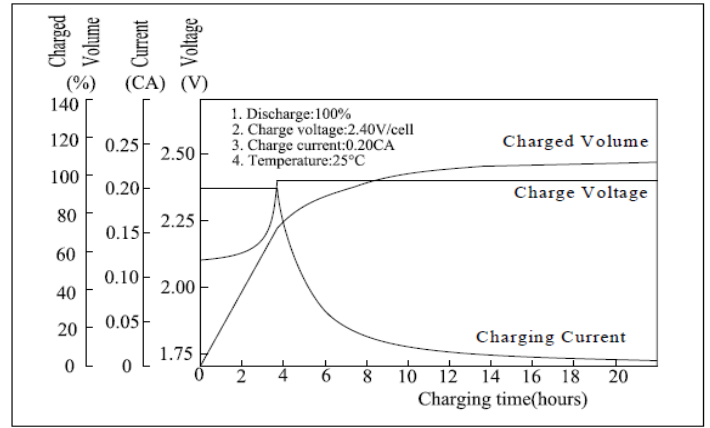
| Constant Current Discharge at 25°C(77°F) |       |       |       |      |     |     |     |     |     |     |     |     |
|--|-------|-------|-------|------|-----|-----|-----|-----|-----|-----|-----|-----|
| F.V/Time                                 | 10min | 15min | 30min | 1h   | 2h  | 3h  | 4h  | 5h  | 6h  | 8h  | 10h | 20h |
| 1.80V/cell                               | 4776  | 3184  | 1552  | 1048 | 649 | 491 | 400 | 332 | 292 | 237 | 199 | 102 |
| 1.75V/cell                               | 4833  | 3222  | 1571  | 1060 | 657 | 497 | 405 | 336 | 295 | 240 | 201 | 103 |
| 1.70V/cell                               | 5268  | 3416  | 1665  | 1103 | 668 | 505 | 412 | 341 | 300 | 244 | 205 | 105 |
| 1.67V/cell                               | 5800  | 3706  | 1806  | 1164 | 675 | 511 | 416 | 345 | 304 | 247 | 207 | 106 |
| 1.60V/cell                               | /     | 3899  | 1901  | 1214 | 683 | 516 | 421 | 349 | 307 | 250 | 209 | 107 |

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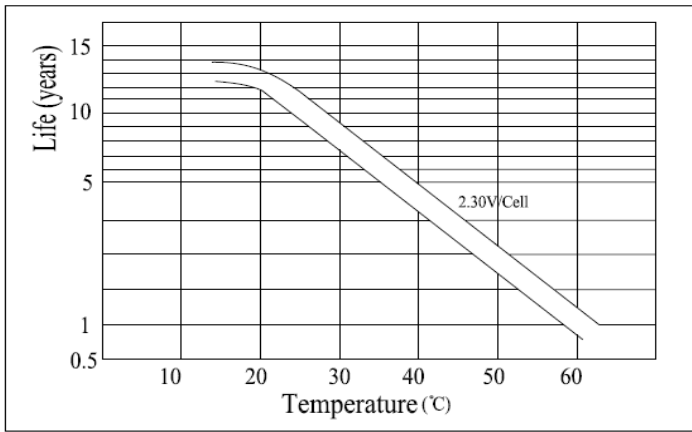
## Discharge Characteristics



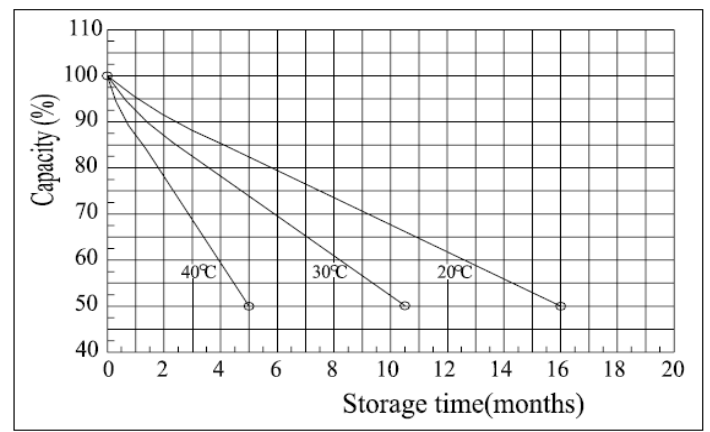
## Float Charging Characteristics



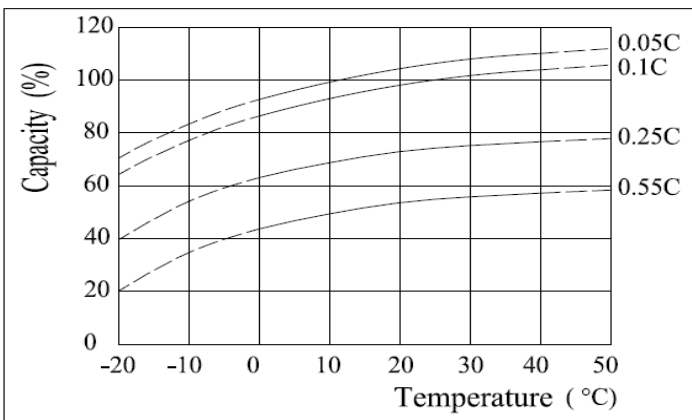
## Floating Life on Temperature



## Self Discharge Characteristics ( 25°C(77°F) )



## Temperature Effects in Relation to Battery Capacity



## Cycle Life Relation to Depth of Discharge

