## Specifications

| | |
|---|---|
| Nominal Voltage | 2V |
| Nominal Capacity(10hr) | 3000AH |
| Dimension | Length 212±2mm(8.35inch) |
| | Width 576±2mm(22.68inch) |
| | Height 771±2mm(30.35inch) |
| | Total Height 826±2mm(32.52inch) |
| Approx Weight | Approx. 222kg(+-4%) |
| Terminal Type | M8 |
| container Material | ABS |
| Internal Resistance | Approx.0.16mΩ |
| Rated Capacity | 3215AH (20hr, 1.80V/cell,25℃/77℉) |
| | 3030AH (10hr, 1.80V/cell,25℃/77℉) |
| | 2675AH (5hr, 1.75V/cell,25℃/77℉) |
| | 2382AH (3hr, 1.75V/cell,25℃/77℉) |
| | 1373AH (1hr, 1.75V/cell,25℃/77℉) |
| Max. Charge Current | 600A |
| Max. Discharge Current | 4000A |
| Short Circuit Current | 12000A |
| Self Discharge | Approx. 2% per month @ 20°C |
| Float Charge V oltage (20~25C) | 2.25-2.29V (-3mV / C/ cell) |
| Equalize Charge Voltage (20~25°C) | 2.35-2.40V (-5mV / C/ cell) |
| Ambient Temperature | Discharge: -40~65°C |
| | Charge: -30~65°C |
| | Storage: -25~45°C |

## Dimensions
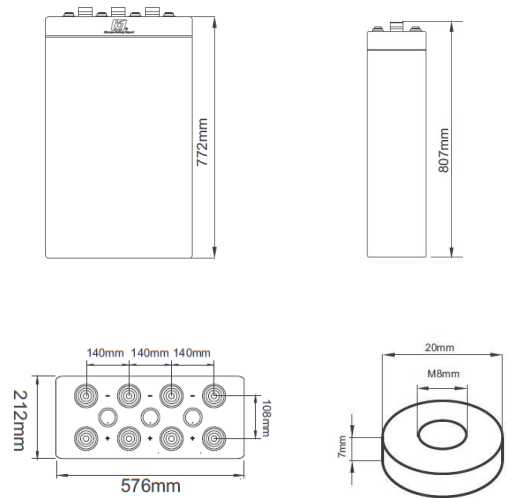


### Constant Power Discharge at 25℃(77℉)

| F.V/Time | 10min | 15min | 30min | 1h | 2h | 3h | 5h | 8h | 10h |
|---|---|---|---|---|---|---|---|---|---|
| 1.90V/cell | 2051 | 1999 | 1879 | 1599 | 1385,0 | 1171,0 | 872,0 | 627,0 | 520,0 |
| 1.85V/cell | 3110 | 2860 | 2481 | 1981 | 1669,0 | 1358,0 | 989,0 | 686,0 | 562,0 |
| 1.80V/cell | 3950 | 3600 | 2929 | 2352 | 1839,0 | 1473,0 | 1010,0 | 703,0 | 573,0 |
| 1.75V/cell | 4121 | 3891 | 3387 | 2524 | 1894,0 | 1491,0 | 1016,0 | 706,0 | 583,0 |

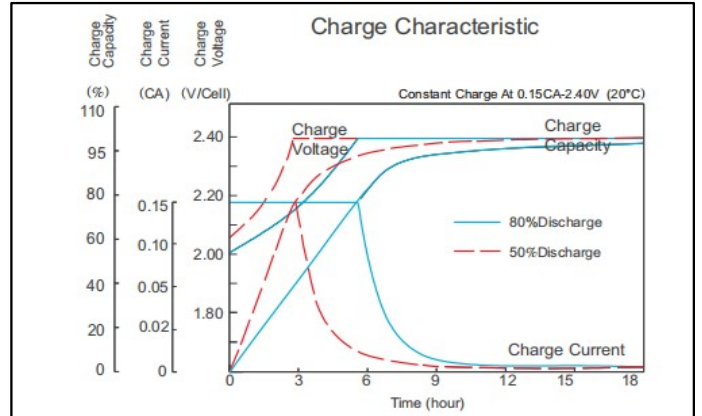### Constant Current Discharge at 25℃(77℉)

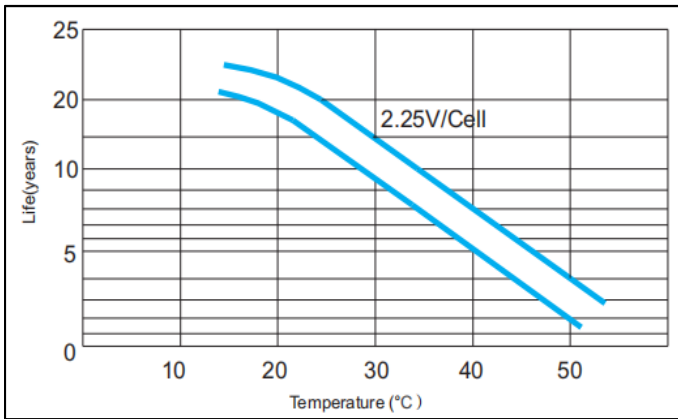| F.V/Time | 10min | 15min | 30min | 1h | 2h | 3h | 5h | 8h | 10h |
|---|---|---|---|---|---|---|---|---|---|
| 1.90V/cell | 1062,0 | 1033,0 | 965,0 | 815,0 | 701,0 | 588,0 | 435,0 | 311,0 | 257,0 |
| 1.85V/cell | 1665,0 | 1525,0 | 1312,0 | 1038,0 | 864,0 | 697,0 | 503,0 | 346,0 | 283,0 |
| 1.80V/cell | 2171,0 | 1969,0 | 1587,0 | 1261,0 | 974,0 | 772,0 | 525,0 | 362,0 | 300,0 |
| 1.75V/cell | 2302,0 | 2162,0 | 1862,0 | 1373,0 | 1017,0 | 794,0 | 535,0 | 368,0 | 303,0 |

## Discharge Characteristics
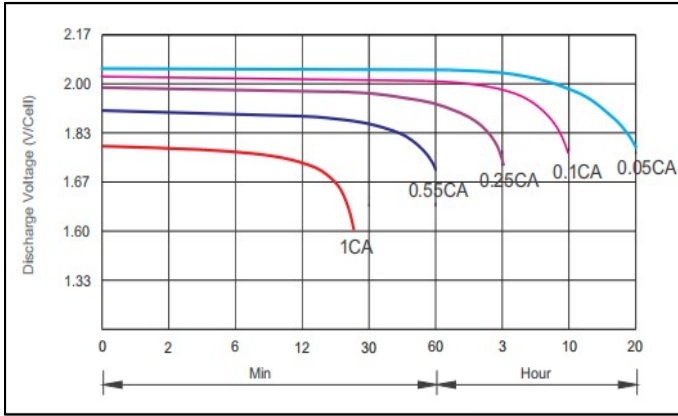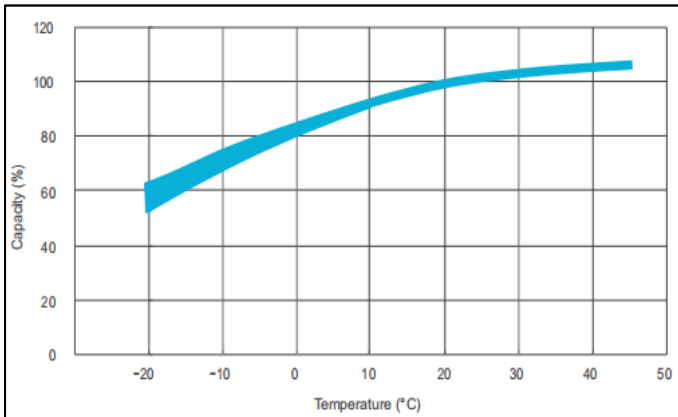


## Charge Characteristics



## Floating Life on Temperature



## Self Discharge Characteristics（25℃(77℉)）
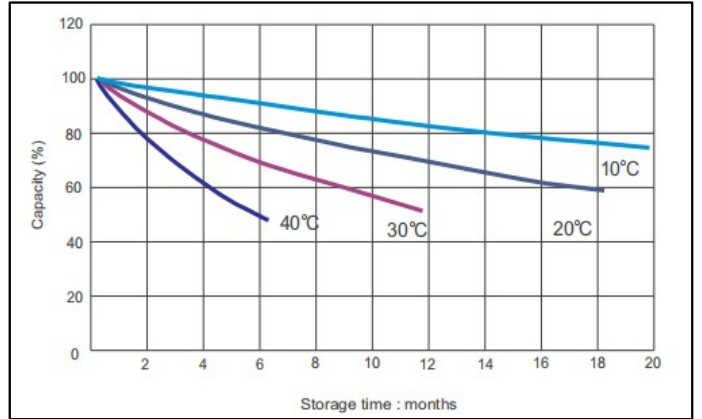


## Temperature Effects in Relation to Battery Capacity



## Cycle Life Relation to Depth of Discharge