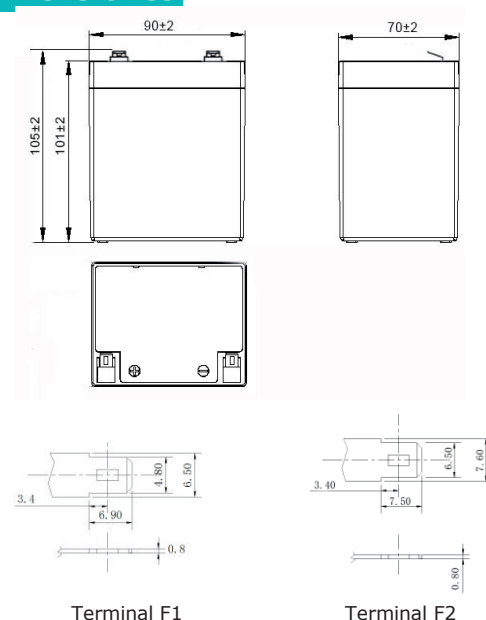


## Especificaciones

|                                  |                                                                                     |                              |
|----------------------------------|-------------------------------------------------------------------------------------|------------------------------|
| Nominal Voltage                  | 12V                                                                                 |                              |
| Nominal Capacity(20hr)           | 4AH                                                                                 |                              |
| Dimension                        | Length                                                                              | 90±2mm(3.54inch)             |
|                                  | Width                                                                               | 70±2mm(2.76inch)             |
|                                  | Height                                                                              | 101±2mm(3.98inch)            |
|                                  | Total Height                                                                        | 105±2mm(4.13inch)            |
| Approx Weight                    | Approx. 1.35kg(+/-3%)                                                               |                              |
| Terminal Type                    | F1/F2                                                                               |                              |
| container Material               | ABS(UL-94HB)                                                                        |                              |
| Internal Resistance              | Approx.25mΩ                                                                         |                              |
| Rated Capacity                   | 4.00AH                                                                              | (20hr, 1.70V/cell,25°C/77°F) |
|                                  | 3.80AH                                                                              | (10hr, 1.75V/cell,25°C/77°F) |
|                                  | 3.40AH                                                                              | (5hr, 1.75V/cell,25°C/77°F)  |
|                                  | 3.10AH                                                                              | (3hr, 1.70V/cell,25°C/77°F)  |
|                                  | 2.40AH                                                                              | (1hr, 1.60V/cell,25°C/77°F)  |
| Max. Discharge Current           | 105A(5S)                                                                            |                              |
| Nominal Operating Temp. Range    | 25±3°C (77±5°F)                                                                     |                              |
| Cycle Use                        | Charge Current Less Than 0.25CA<br>14.1V~14.7V@25°C(77°F)Temp. Coefficient -30mV/°C |                              |
| Floating Use                     | 13.5V~13.8V@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%       |



## Dimensiones



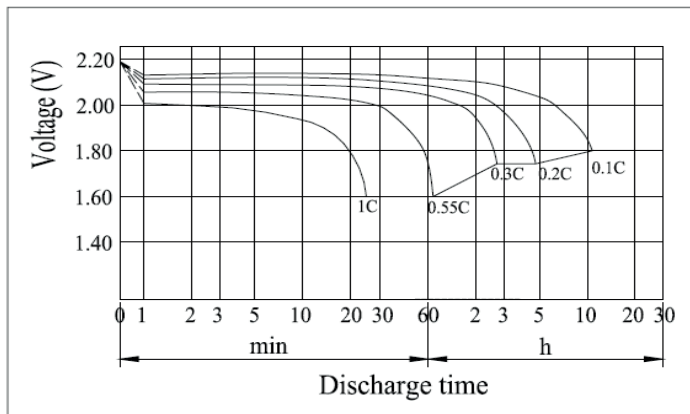
## Descarga de potencia constante at 25°C(77°F)

| F.V/Time   | 5min | 10min | 15min | 30min | 1h   | 2h   | 3h   | 4h   | 5h   | 6h   | 10h  | 20h  |
|------------|------|-------|-------|-------|------|------|------|------|------|------|------|------|
| 1.80V/Cell | 26.5 | 19.0  | 15.1  | 7.5   | 5.20 | 2.48 | 2.04 | 1.56 | 1.21 | 1.08 | 0.71 | 0.40 |
| 1.75V/Cell | 27.0 | 19.4  | 15.4  | 7.6   | 5.30 | 2.52 | 2.08 | 1.59 | 1.24 | 1.10 | 0.72 | 0.40 |
| 1.70V/Cell | 27.8 | 20.0  | 15.9  | 7.8   | 5.45 | 2.60 | 2.14 | 1.64 | 1.27 | 1.13 | 0.75 | 0.40 |
| 1.67V/Cell | 28.6 | 20.7  | 16.5  | 8.1   | 5.67 | 2.70 | 2.16 | 1.65 | 1.32 | 1.18 | 0.76 | 0.40 |
| 1.60V/Cell | 28.7 | 21.9  | 17.4  | 8.6   | 5.98 | 2.85 | 2.18 | 1.66 | 1.34 | 1.21 | 0.77 | 0.40 |

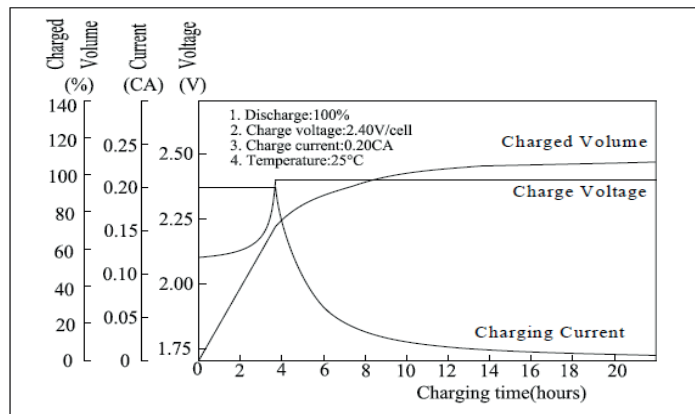
## Descarga de corriente constante at 25°C(77°F)

| F.V/Time   | 5min | 10min | 15min | 30min | 1h   | 2h   | 3h   | 4h   | 5h   | 6h   | 10h  | 20h  |
|------------|------|-------|-------|-------|------|------|------|------|------|------|------|------|
| 1.80V/Cell | 13.5 | 9.7   | 7.68  | 3.79  | 2.64 | 1.26 | 1.04 | 0.79 | 0.62 | 0.55 | 0.36 | 0.20 |
| 1.75V/Cell | 13.7 | 9.8   | 7.83  | 3.86  | 2.69 | 1.28 | 1.06 | 0.81 | 0.63 | 0.56 | 0.37 | 0.20 |
| 1.70V/Cell | 14.1 | 10.1  | 8.06  | 3.98  | 2.77 | 1.32 | 1.07 | 0.83 | 0.65 | 0.57 | 0.38 | 0.20 |
| 1.67V/Cell | 14.5 | 10.5  | 8.4   | 4.13  | 2.88 | 1.37 | 1.09 | 0.84 | 0.67 | 0.60 | 0.39 | 0.20 |
| 1.60V/Cell | 14.6 | 11.1  | 8.8   | 4.36  | 3.04 | 1.45 | 1.92 | 0.84 | 0.68 | 0.62 | 0.39 | 0.21 |

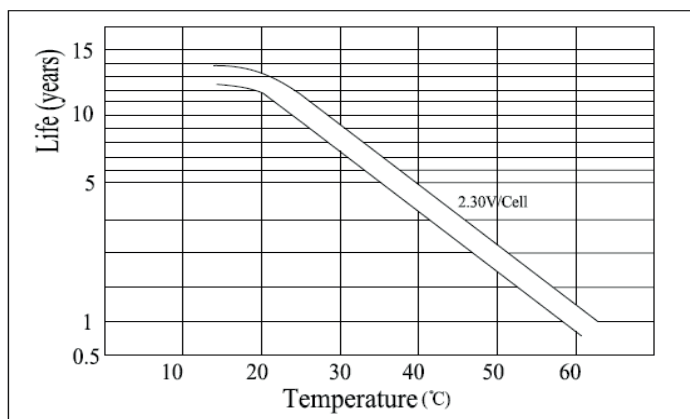
## Características de descarga



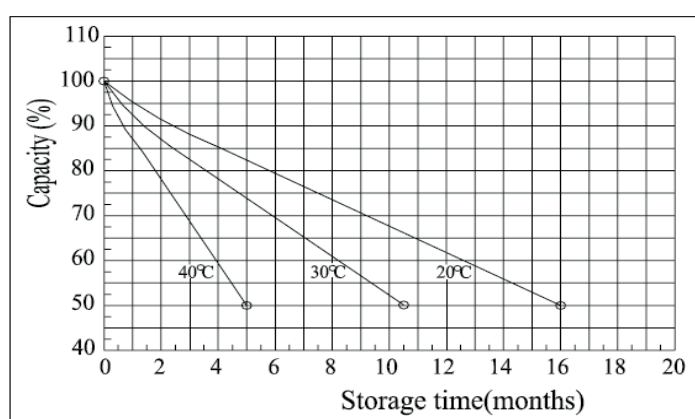
## Características de carga flotante



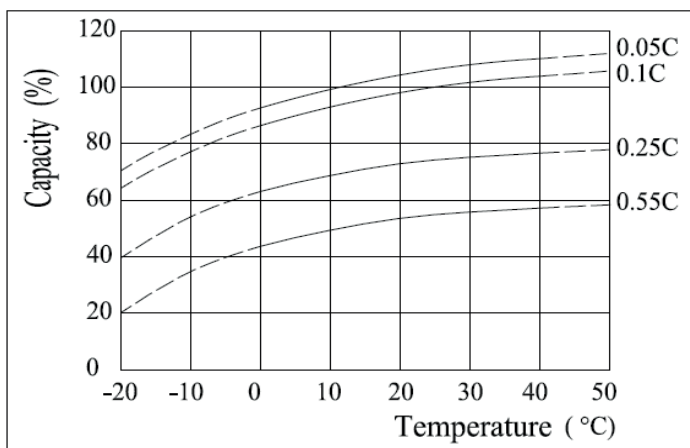
## Vida flotante en la temperatura



## Características de autodescarga ( 25°C (77°F) )



## Efectos de la temperatura en relación con la capacidad de la batería



## Relación del ciclo de vida con la profundidad de descarga

