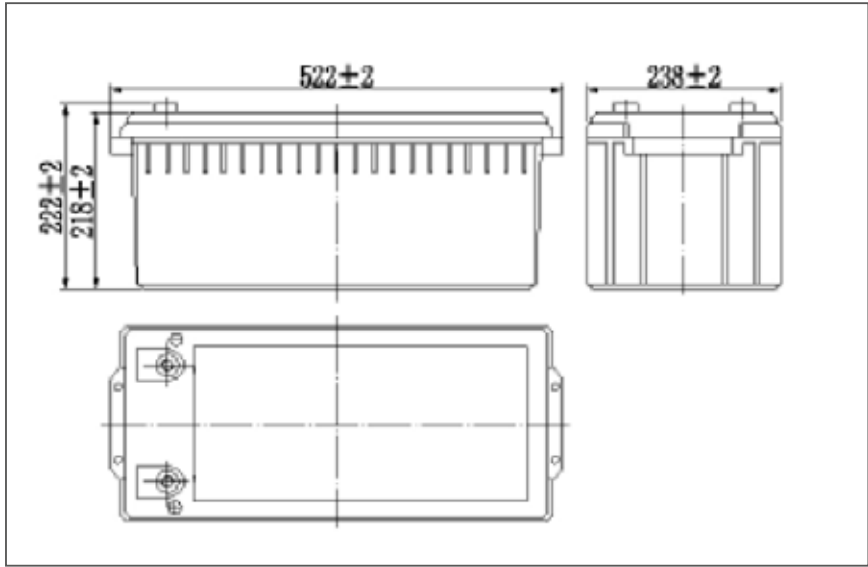


## Batería AGM 12V-200AH

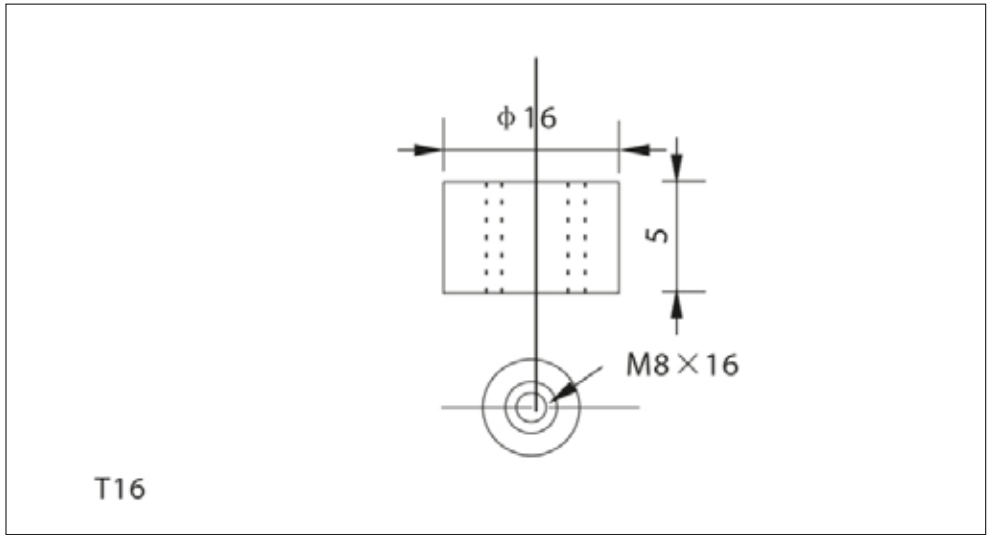
### ● Especificaciones

|                                           |              |              |
|-------------------------------------------|--------------|--------------|
| Voltaje Nominal                           |              | 12 V         |
| Capacidad Nominal<br>(índice de 10 horas) |              | 200Ah        |
| Dimensiones                               | Largo        | 525 ±2mm     |
|                                           | Ancho        | 238 ±2mm     |
|                                           | Altura       | 218 ±2mm     |
|                                           | Altura Total | 226±2mm      |
| Peso Aproximado                           |              | 61.05kg ± 3% |

### ● Dimensiones Externas



### ● Tipo de Terminal



### ● Características

|                                                             |                  |                                                              |
|-------------------------------------------------------------|------------------|--------------------------------------------------------------|
| Capacidad<br>( 25 °C )                                      | 10 HR ( 10.8 V ) | 200 Ah                                                       |
|                                                             | 3 HR ( 10.8 V )  | 150 Ah                                                       |
|                                                             | 1 HR ( 10.5 V )  | 110 Ah                                                       |
| Tipo de Terminal                                            |                  | T 16                                                         |
| Resistencia Interna<br>Carga Completa ( 25 °C )             |                  | Aprox 3.5m Ω                                                 |
| Capacidad<br>afectada<br>por la<br>temperatura<br>( 10 HR ) | 40 °C            | 102%                                                         |
|                                                             | 25 °C            | 100%                                                         |
|                                                             | 0 °C             | 85%                                                          |
|                                                             | - 15 °C          | 65%                                                          |
| Auto<br>descarga<br>( 25°C )                                | 3 Meses          | Capacidad Restante : 91%                                     |
|                                                             | 6 Meses          | Capacidad Restante : 82%                                     |
|                                                             | 12 Meses         | Capacidad Restante : 65%                                     |
| Temperatura Nominal de<br>Funcionamiento                    |                  | 25°C ± 3 °C ( 77 °F ± 5°F )                                  |
| Rango de<br>Temperatura de<br>Funcionamiento                | Descarga         | -15 °C~50 °C ( 5 °F ~122 °F)                                 |
|                                                             | Carga            | -10 °C~50 °C ( 14°F ~122 °F)                                 |
|                                                             | Almacenamiento   | -20 °C ~50 °C ( -4 °F~ 122 °F)                               |
| Tensión de Carga de<br>Mantenimiento                        |                  | 13.50 to 13.80V<br>Compensación de Temperatura :<br>-18mV/°C |
| Voltaje de carga cíclico<br>(25 °C)                         |                  | 14.50 to 15.00V<br>Compensación de Temperatura:<br>-30mV/°C  |
| Corriente de Carga Máxima                                   |                  | 60 A                                                         |
| Corriente de Descarga Máxima                                |                  | 1400A ( 5 sec. )                                             |
| Vida Flotante Diseñada                                      |                  | 5 años                                                       |

### ● Construcción

|               |                  |                |            |          |           |                 |                      |          |
|---------------|------------------|----------------|------------|----------|-----------|-----------------|----------------------|----------|
| Componente    | Placa Positiva   | Placa Negativa | Contenedor | Cubierta | Separador | Electrólito     | Válvula de Seguridad | Terminal |
| Materia Prima | Dióxido de Plomo | Plomo          | ABS        | ABS      | AGM       | Ácido Sulfúrico | Caucho               | Cobre    |

### ● Características de descarga de corriente constante : A (25 °C , 77 °F)

|            |        |        |        |      |      |      |      |      |      |      |      |
|------------|--------|--------|--------|------|------|------|------|------|------|------|------|
| F.V / Time | 15 min | 30 min | 60 min | 2 h  | 3 h  | 4 h  | 5 h  | 6 h  | 8 h  | 10 h | 20 h |
| 9.60 V     | 336    | 201    | 124    | 73.1 | 52.6 | 42.0 | 35.9 | 31.2 | 24.7 | 20.4 | 10.8 |
| 9.90 V     | 328    | 197    | 122    | 72.6 | 52.3 | 41.8 | 35.7 | 31.0 | 24.5 | 20.3 | 10.8 |
| 10.2 V     | 316    | 191    | 119    | 72.0 | 52.0 | 41.5 | 35.4 | 30.8 | 24.4 | 20.3 | 10.7 |
| 10.5 V     | 305    | 186    | 115    | 70.9 | 51.6 | 41.2 | 35.2 | 30.6 | 24.2 | 20.1 | 10.7 |
| 10.8 V     | 289    | 179    | 111    | 69.1 | 50.1 | 40.0 | 34.1 | 29.7 | 23.5 | 20.0 | 10.6 |

### ● Características de descarga de potencia constante : W (25 °C, 77 °F)

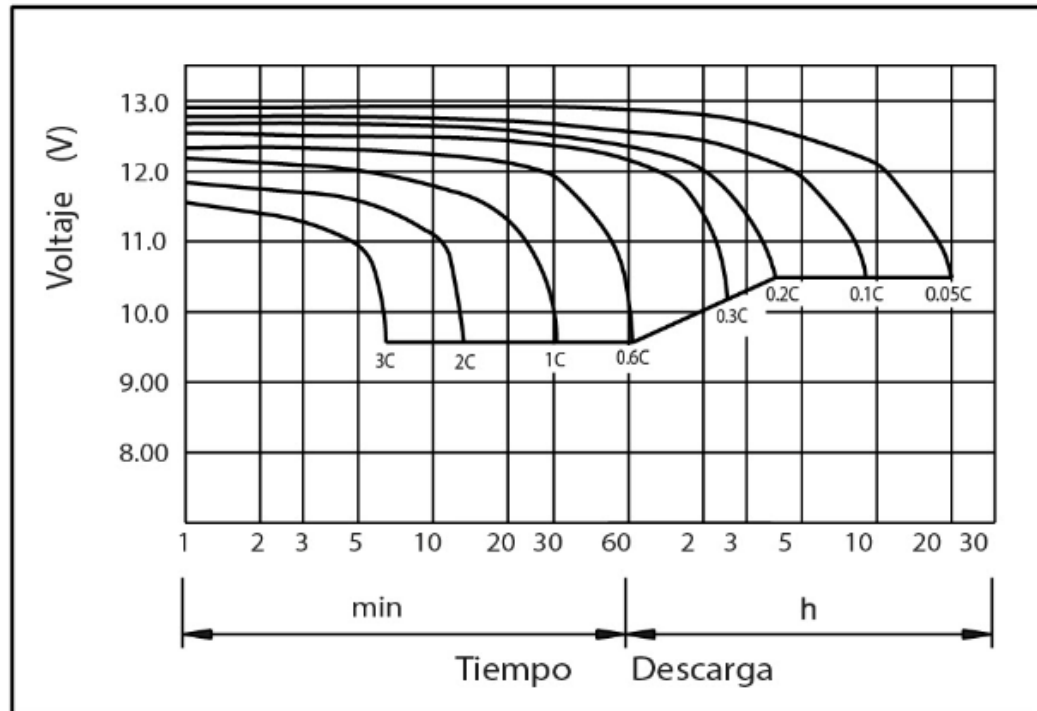
|            |        |        |        |     |     |     |     |     |     |      |      |
|------------|--------|--------|--------|-----|-----|-----|-----|-----|-----|------|------|
| F.V / Time | 15 min | 30 min | 60 min | 2 h | 3 h | 4 h | 5 h | 6 h | 8 h | 10 h | 20 h |
| 9.60 V     | 3689   | 2255   | 1409   | 846 | 619 | 494 | 424 | 369 | 293 | 243  | 129  |
| 9.90 V     | 3601   | 2210   | 1388   | 841 | 615 | 491 | 422 | 367 | 292 | 243  | 129  |
| 10.2 V     | 3468   | 2142   | 1353   | 834 | 611 | 488 | 419 | 364 | 290 | 242  | 129  |
| 10.5 V     | 3350   | 2091   | 1310   | 821 | 607 | 485 | 416 | 362 | 287 | 240  | 128  |
| 10.8 V     | 3173   | 2014   | 1268   | 800 | 589 | 470 | 404 | 351 | 279 | 239  | 127  |

\*Nota: Los datos de características anteriores pueden obtenerse dentro de tres ciclos de carga o descarga.

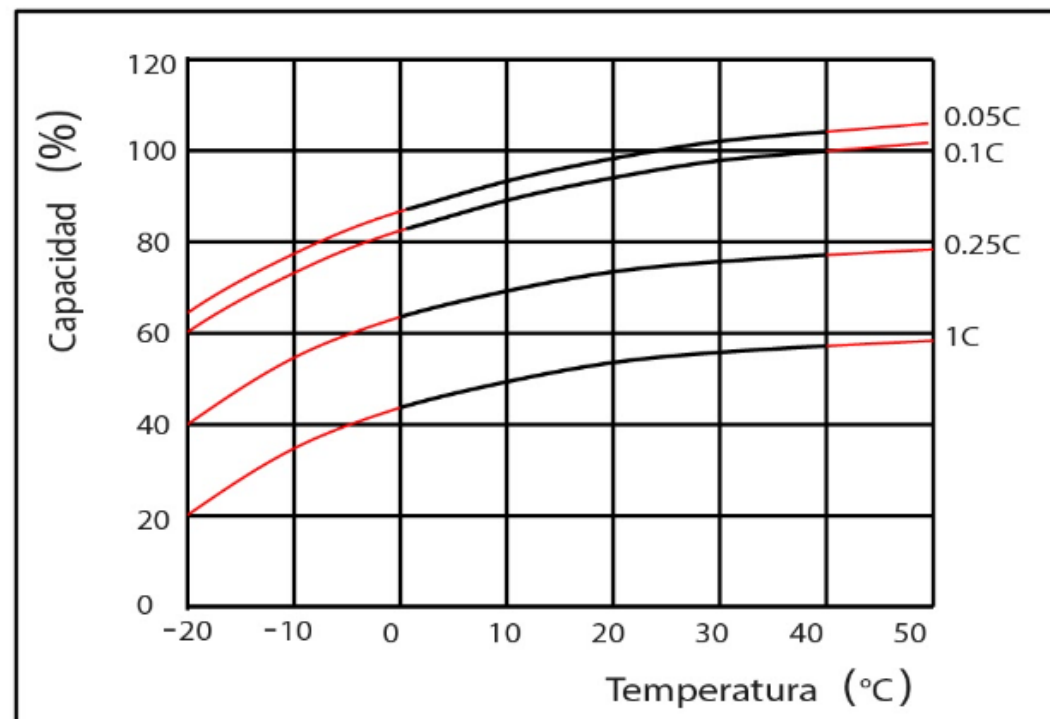
# NETION - Óptimo Voltaje

## Batería AGM 12V-200AH

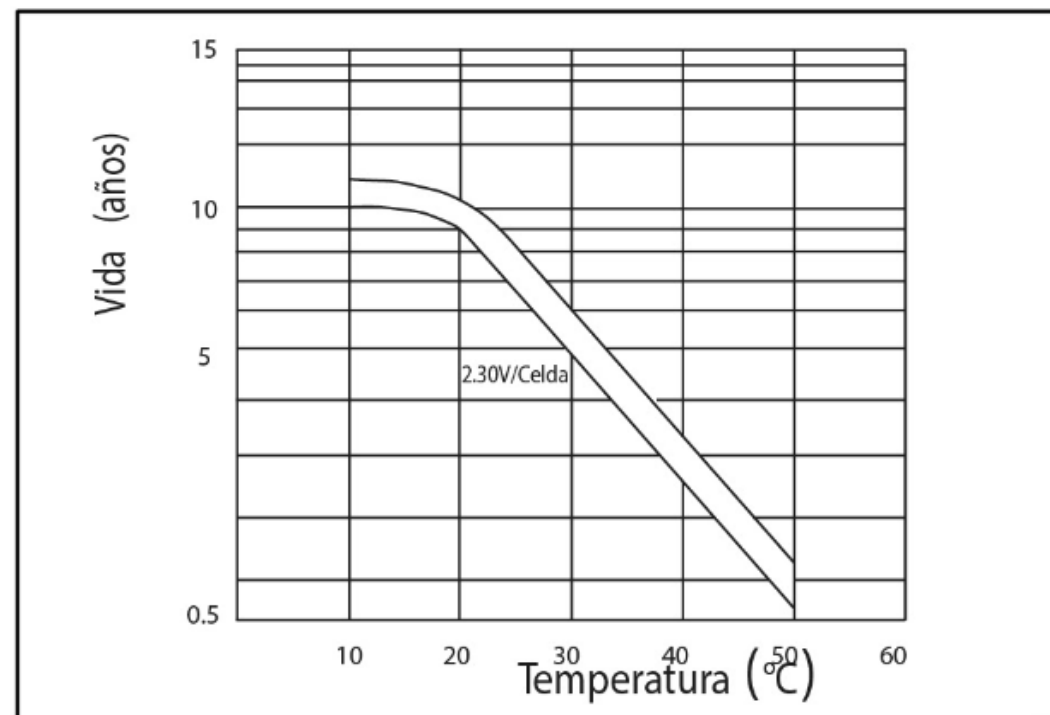
### ● Características de descarga (25°C)



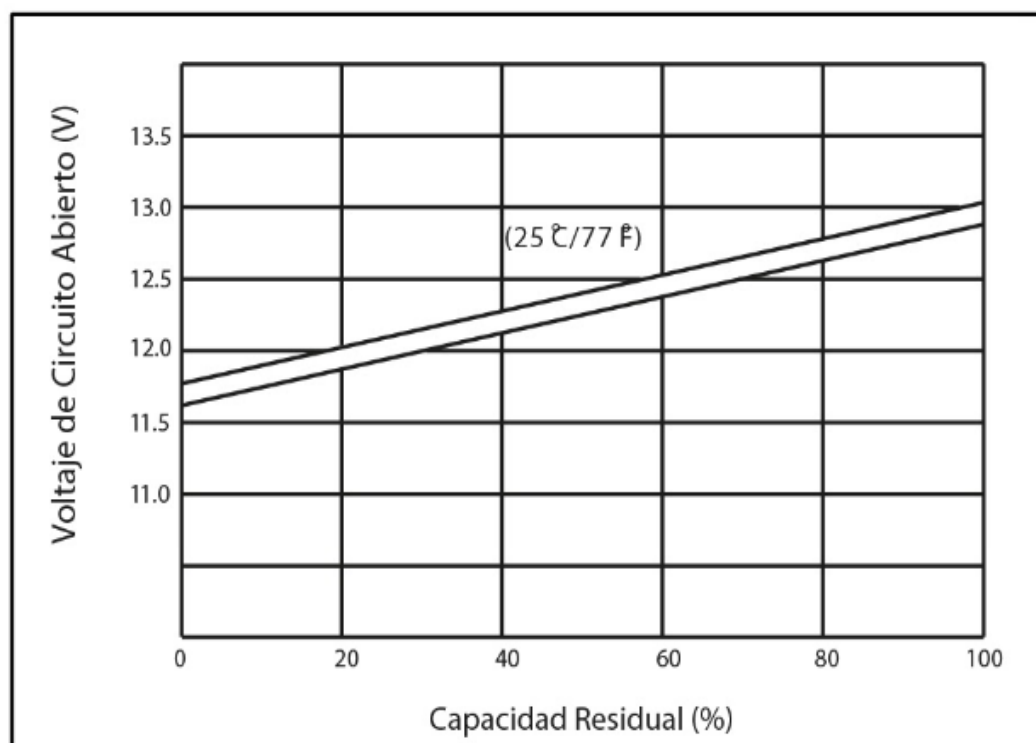
### ● Efectos de temperatura en la capacidad



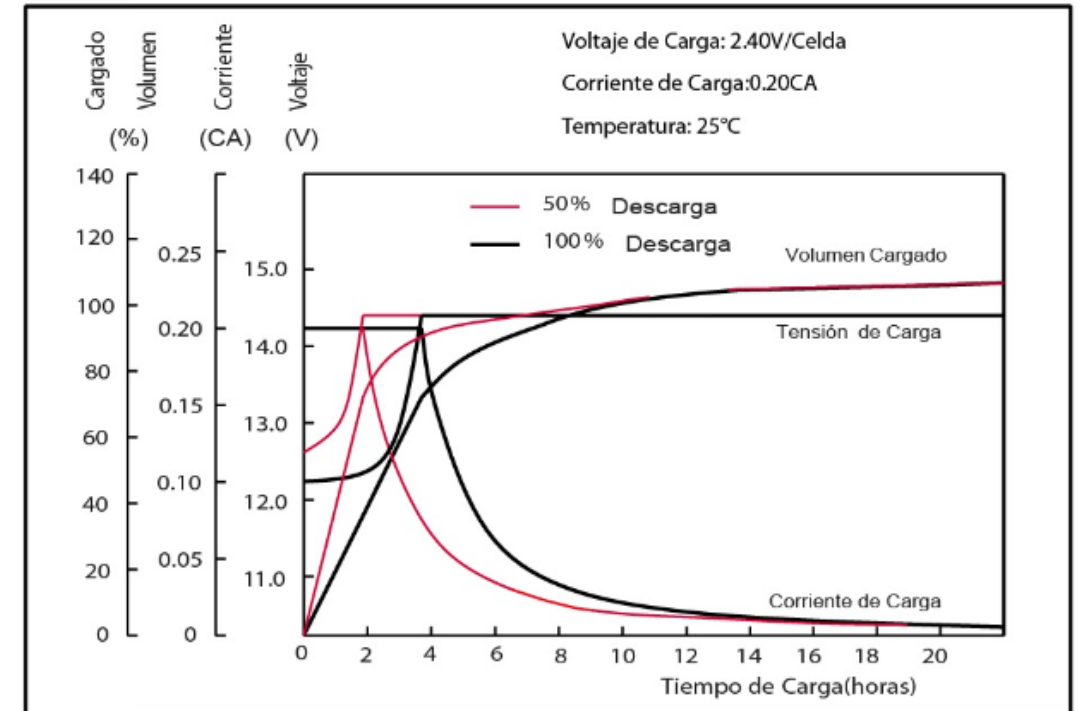
### ● Vida flotante en la temperatura



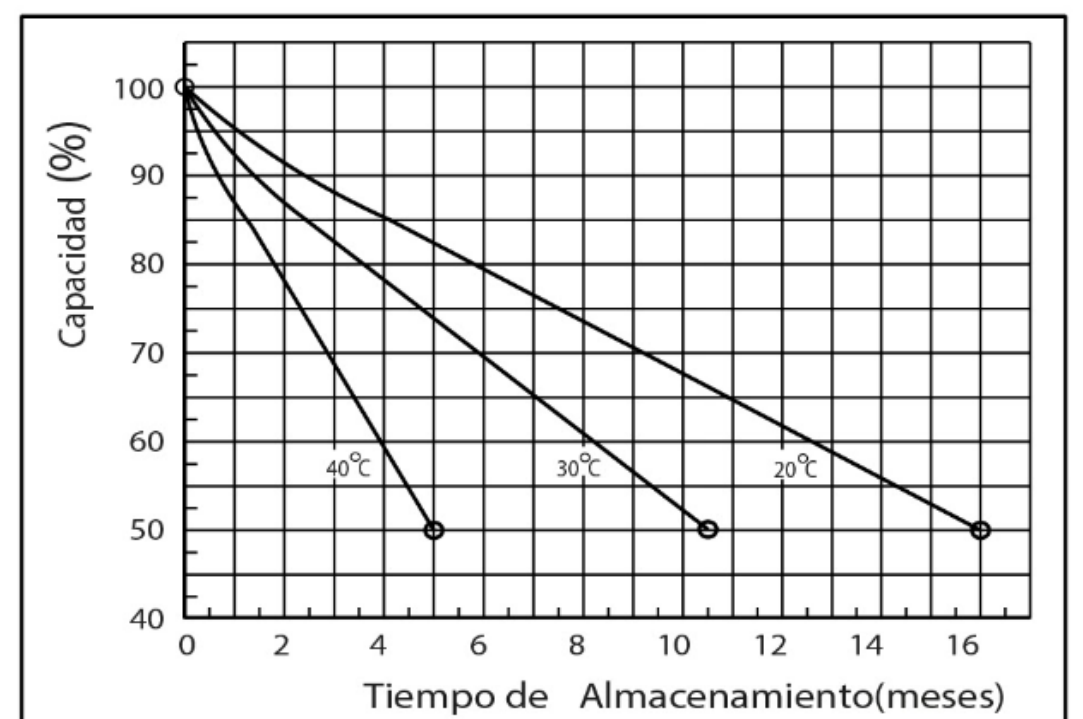
### ● La relación para OCV y Capacidad (25 °C)



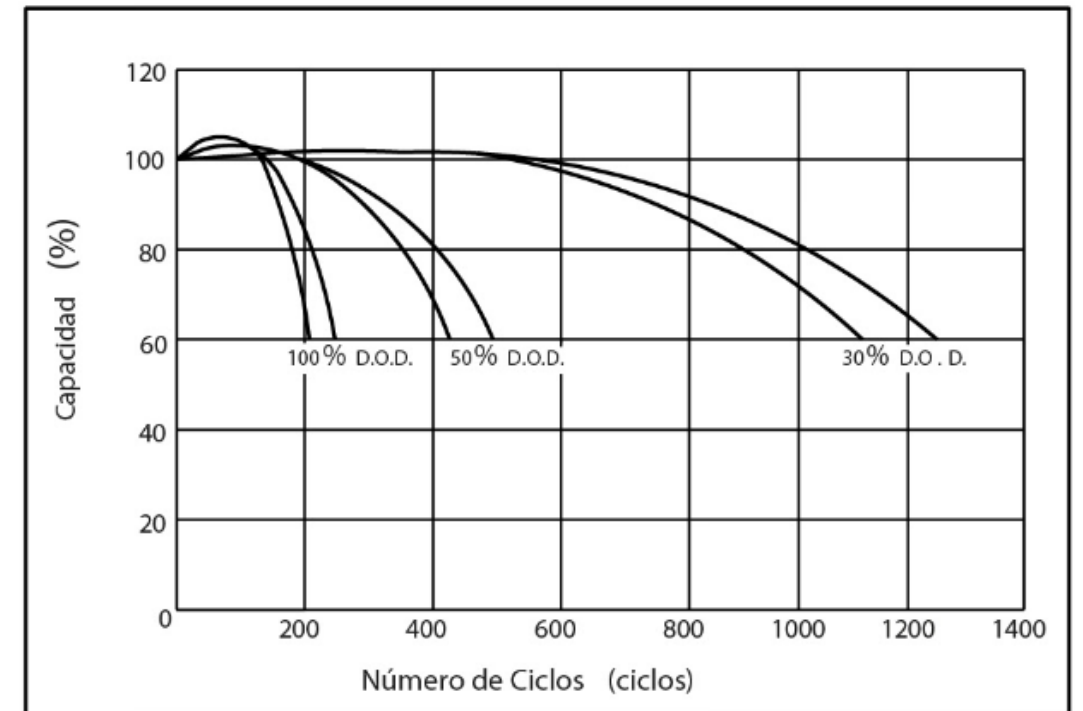
### ● Características de Carga (25°C)



### ● Características de autodescarga



### ● Ciclo de vida en D.O.D (25 °C)



### ● La relación de voltaje de carga y temperatura

