

NETION - Óptimo Voltaje

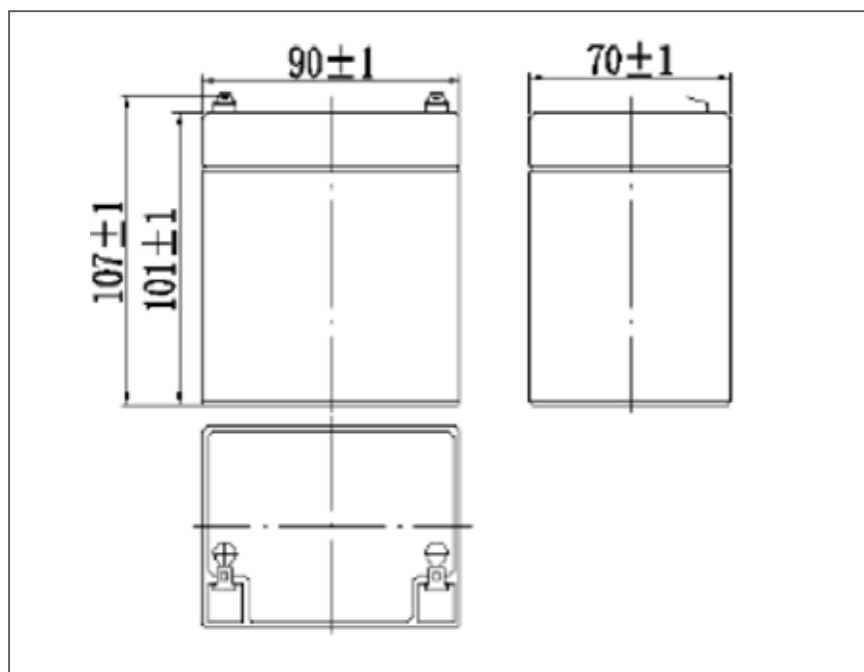


Batería CP12V-5AH

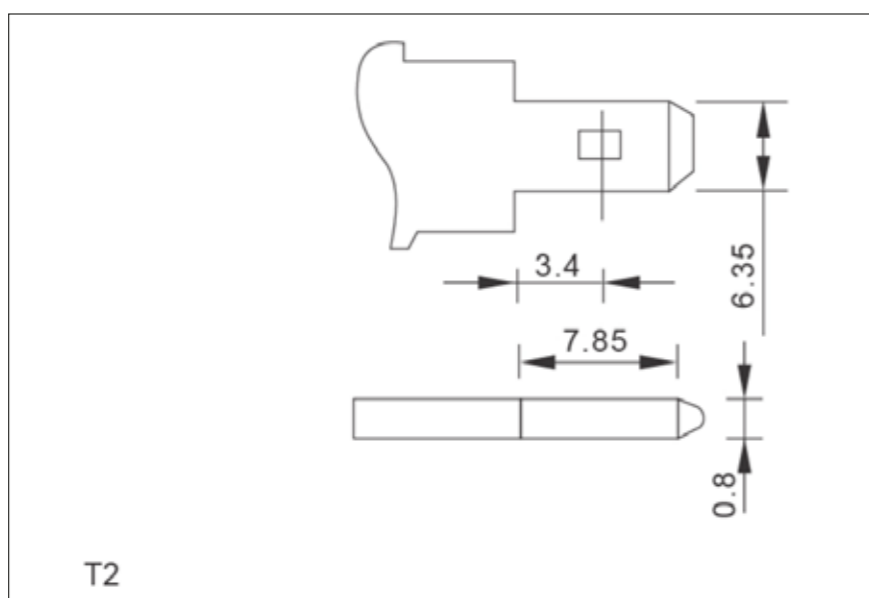
● Especificaciones

| | | |
|--------------------------------|--------------|----------|
| Voltaje Nominal | 12 V | |
| Capacidad (índice de 10 horas) | 5 Ah | |
| Dimensiones | Largo | 90 ±2mm |
| | Ancho | 70 ±2mm |
| | Altura | 101 ±2mm |
| | Altura Total | 107 ±2mm |
| Peso Aproximado | 1.65 kg ±3% | |

● Dimensiones Externas



● Tipo de Terminal



● Características

| | | |
|---|------------------|---|
| Capacidad (25 °C) | 20 HR (10.5 V) | 5 Ah |
| | 10 HR (10.5V) | 4.7 Ah |
| | 1 HR (9.6 V) | 3 Ah |
| Tipo de Terminal | | T2 |
| Resistencia Interna Carga Completa (25 °C) | | Aprox 27m Ω |
| Capacidad afectada por la temperatura (10 HR) | 40 °C | 102% |
| | 25 °C | 100% |
| | 0 °C | 85% |
| | - 15 °C | 65% |
| Auto descarga (25°C) | 3 Meses | Capacidad Restante : 91% |
| | 6 Meses | Capacidad Restante : 82% |
| | 12 Meses | Capacidad Restante : 65% |
| Temperatura Nominal de Funcionamiento | | 25°C ± 3 °C (77 °F ± 5°F) |
| Rango de Temperatura de Funcionamiento o Almacenamiento | 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 Mantenimiento | | 13.50 to 13.80V Compensación de Temperatura : -18mV/°C |
| Voltaje de carga cíclico (25 °C) | | 14.50 to 15.00V Compensación de Temperatura: -30mV/°C |
| Corriente de Carga Máxima | | 1.5 A |
| Corriente de Descarga Máxima | | 75 A (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 | 5min | 10 min | 15 min | 30 min | 1 h | 2 h | 3 h | 4 h | 5 h | 10 h | 20 h |
|------------|------|--------|--------|--------|------|------|------|------|------|------|------|
| 9.60 V | 19.1 | 12.1 | 9.45 | 5.33 | 3.28 | 1.79 | 1.24 | 1.03 | 0.87 | 0.47 | 0.25 |
| 9.90 V | 18.5 | 11.7 | 9.22 | 5.22 | 3.23 | 1.78 | 1.23 | 1.02 | 0.87 | 0.47 | 0.25 |
| 10.2 V | 17.8 | 11.3 | 8.88 | 5.06 | 3.14 | 1.77 | 1.22 | 1.01 | 0.86 | 0.47 | 0.25 |
| 10.5 V | 17.0 | 10.8 | 8.58 | 4.94 | 3.08 | 1.74 | 1.22 | 1.01 | 0.86 | 0.47 | 0.25 |
| 10.8 V | 16.0 | 10.2 | 8.13 | 4.76 | 2.99 | 1.69 | 1.18 | 0.97 | 0.83 | 0.46 | 0.25 |

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

| F.V / Time | 5 min | 10 min | 15 min | 30 min | 1 h | 2 h | 3 h | 4 h | 5 h | 10 h | 20 h |
|------------|-------|--------|--------|--------|------|------|------|------|------|------|------|
| 9.60 V | 213 | 136 | 108 | 61.0 | 37.9 | 21.0 | 14.7 | 12.2 | 10.4 | 5.68 | 3.05 |
| 9.90 V | 207 | 132 | 105 | 59.8 | 37.4 | 20.8 | 14.6 | 12.1 | 10.4 | 5.66 | 3.03 |
| 10.2 V | 190 | 127 | 101 | 58.0 | 36.4 | 20.7 | 14.5 | 12.1 | 10.3 | 5.63 | 3.02 |
| 10.5 V | 180 | 121 | 97.8 | 56.6 | 35.7 | 20.3 | 14.4 | 12.0 | 10.2 | 5.60 | 3.00 |
| 10.8 V | 179 | 115 | 92.6 | 54.5 | 34.6 | 19.8 | 14.0 | 11.6 | 10.1 | 5.49 | 2.94 |

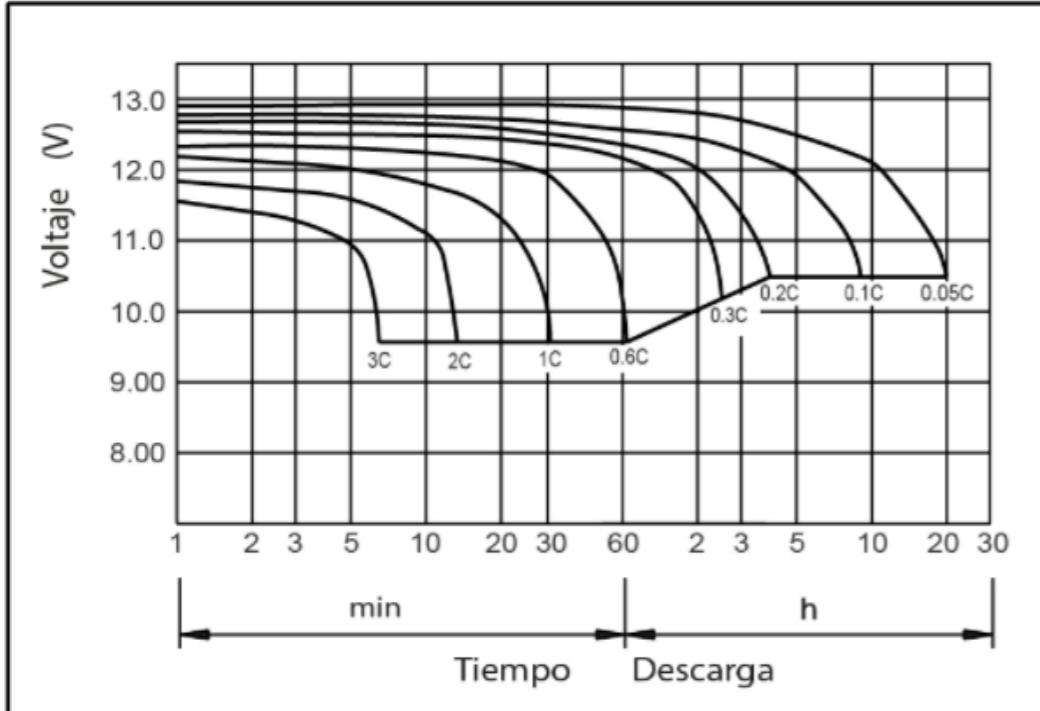
*Nota: Los datos de características anteriores pueden obtenerse dentro de tres ciclos de carga o descarga.

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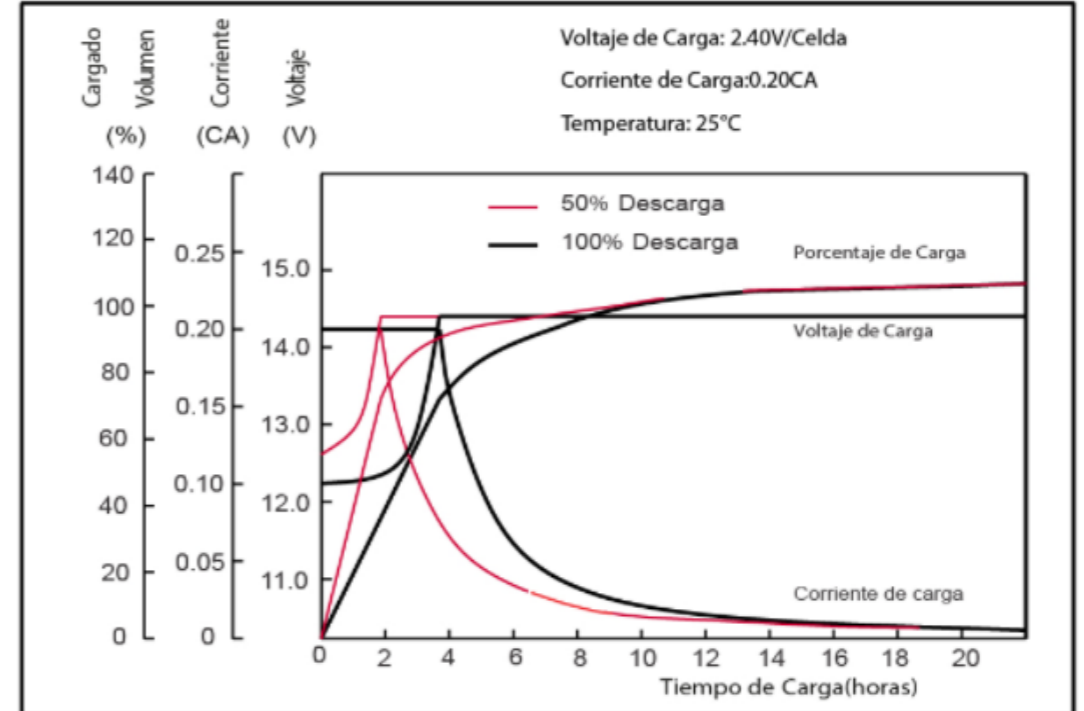


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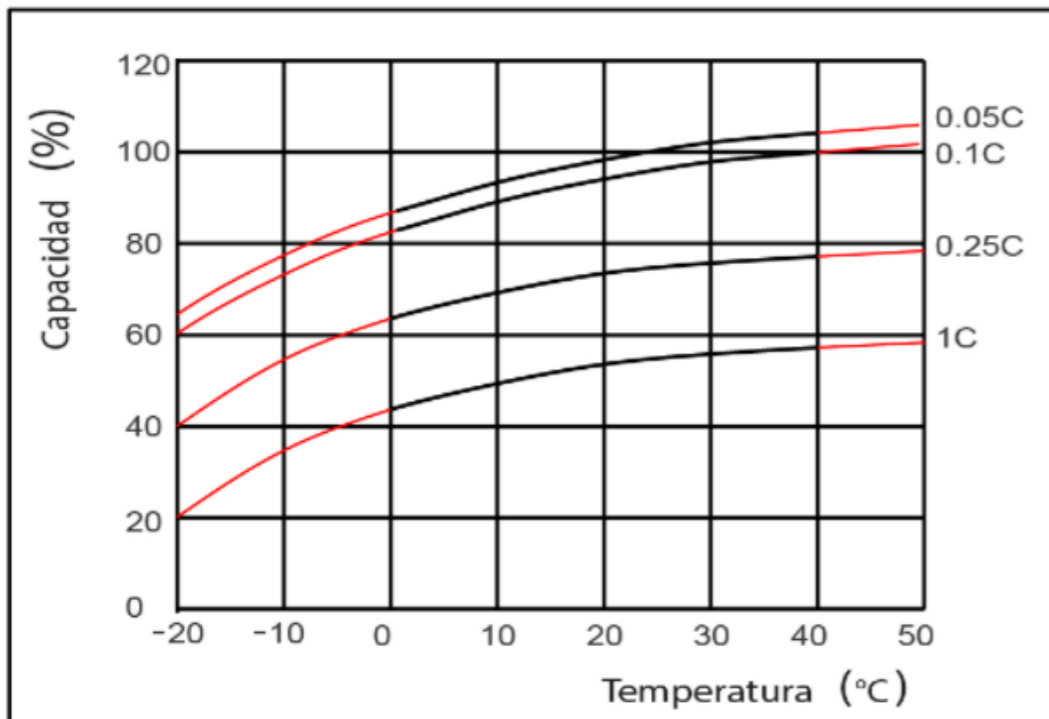
● Características de descarga (25°C)



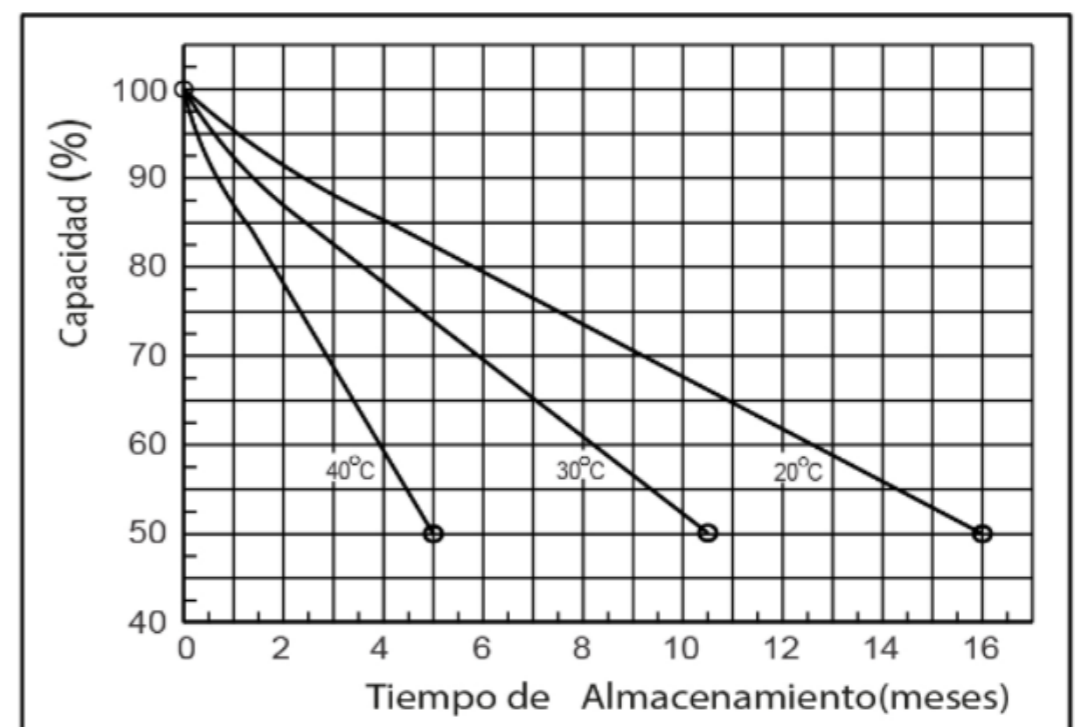
● Características de Carga (25°C)



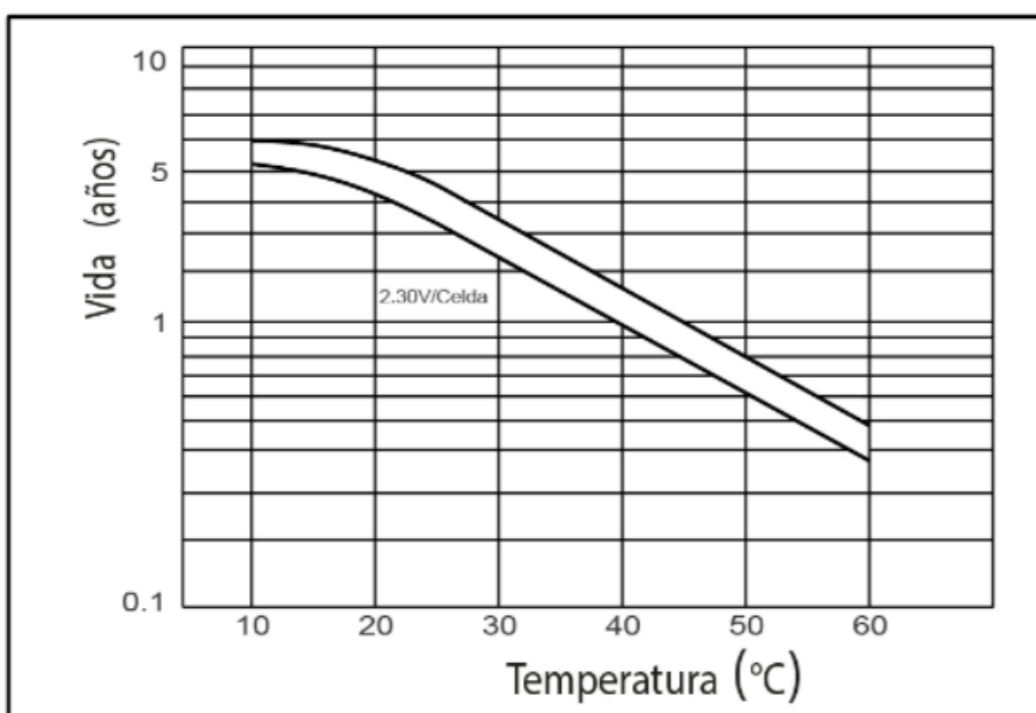
● Efectos de temperatura en la capacidad



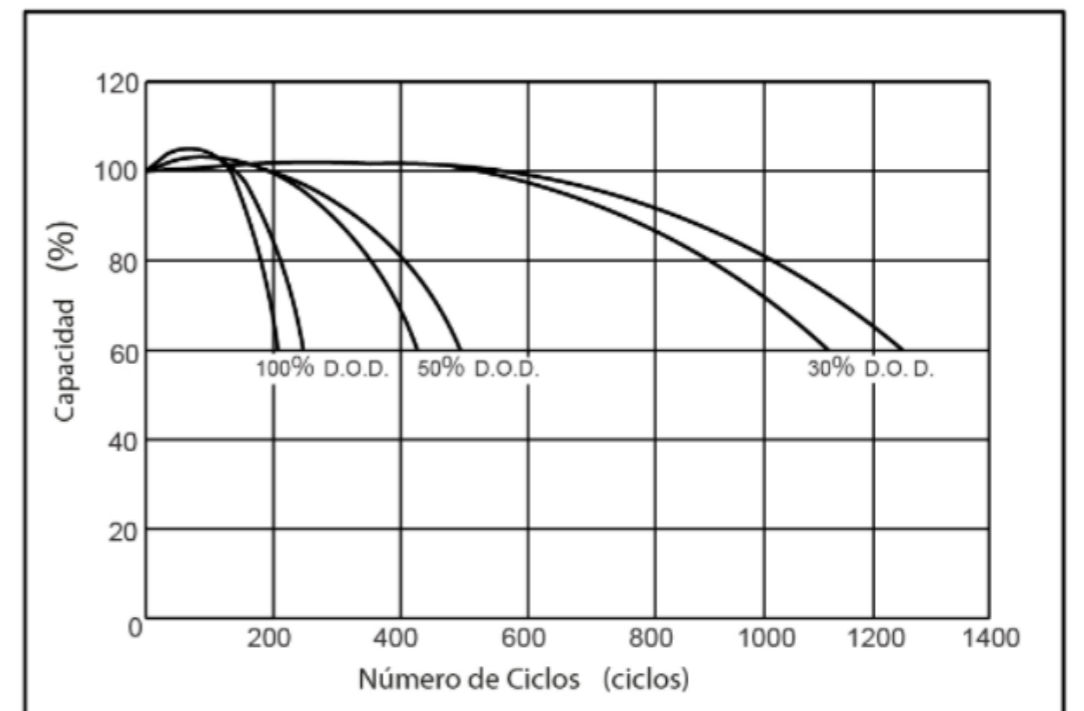
● Características de autodescarga



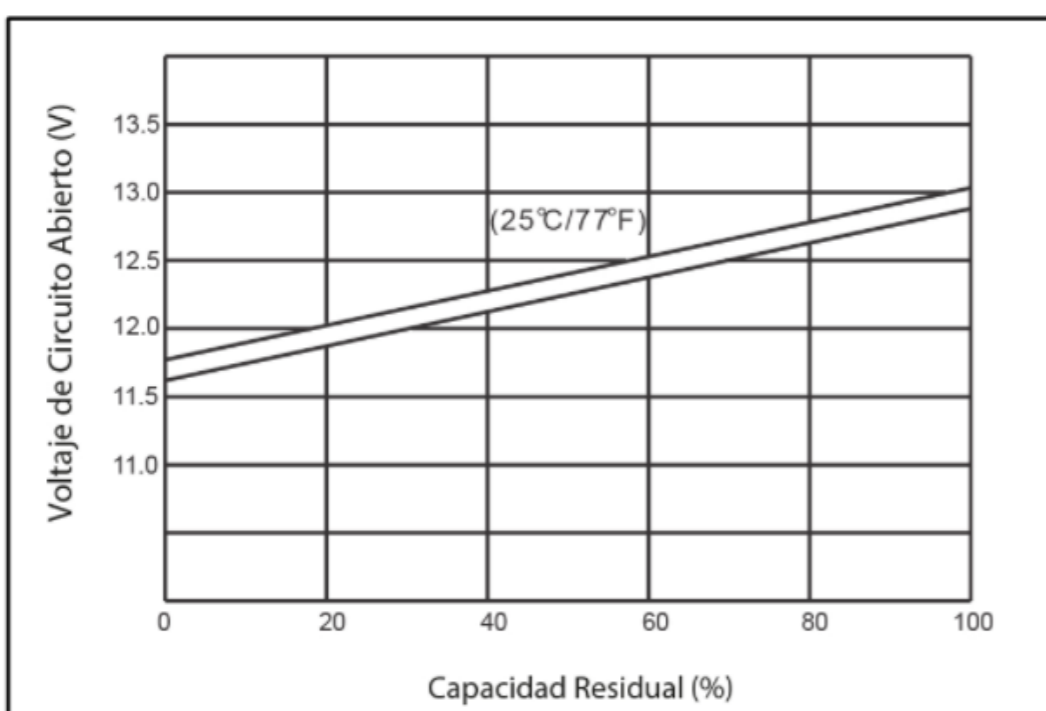
● Vida flotante en la temperatura



● Ciclo de vida en D.O.D (25°C)



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



● La relación de voltaje de carga y temperatura

