

**Especificaciones técnicas**

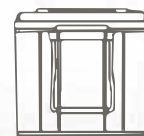
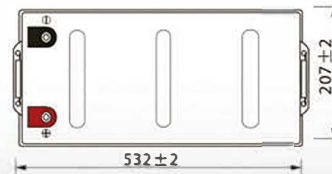
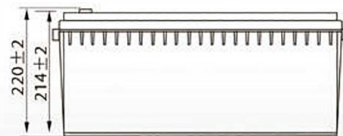
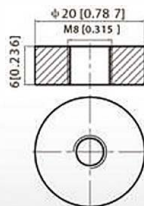
|                            |                                 |
|----------------------------|---------------------------------|
| Referencia:                | <b>CT 12 2000</b>               |
| Largo:                     | <b>522 ± 2 mm (20.6 inches)</b> |
| Ancho:                     | <b>240 ± 2 mm (9.45 inches)</b> |
| Alto:                      | <b>218 ± 2 mm (8.58 inches)</b> |
| Alto total (con terminal): | <b>224 ± 2 mm (8.81 inches)</b> |
| Peso aproximado:           | <b>Approx 61.0 kg (135 lbs)</b> |

**Especificaciones**

|   |  |  |
|---|--|--|
|   | Voltaje Nominal  | 12V  |
|   | Capacidad Nominal (20HR)   | 200AH  |
| <b>Tipo de terminal</b>                 | Terminal estandard   | F11  |
|   | Terminal opcional  | -  |
| <b>Material contenido</b>               | Opción estandard   | ABS  |
|   | Opción retardante de llama   | ABS (UL94:VO)  |
| <b>Capacidad nominal</b>                | 208.0 AH/10.4A   | (20hr, 1.80V/cell, 25°C / 77°F)  |
|   | 200.0 AH/20.0A   | (10hr, 1.80V/cell, 25°C / 77°F)  |
|   | 172.5 AH/34.5A   | (5hr, 1.75V/cell, 25°C / 77°F)   |
|   | 156.0 AH/52.0A   | (3hr, 1.75V/cell, 25°C / 77°F)   |
|   | 122.0 AH/122.0A  | (1hr, 1.60V/cell, 25°C / 77°F)   |
| <b>Máxima corriente de descarga</b>     | 2000A (5s)   |  |
| <b>Resistencia interna</b>              | Approx 2.7mΩ   |  |
| <b>Características de descarga</b>      | Rango de temperatura de funcionamiento   | Descarga: -15 ~ 50°C (5 ~ 122°F)   |
|   |  | Carga: 0 ~ 40°C (5 ~ 104°F)  |
|   |  | Almacenaje: -15 ~ 40°C (5 ~ 104°F)   |
|   | Rango nominal de temperatura de funcionamiento   | 25 ± 3°C (77 ± 5°F)  |
|   | Rango nominal de temperatura de funcionamiento   | Carga corriente inicial menos de 60.0A Voltaje 14.4V ~15.0V at 25°C (77°F)Temp. Coefficient -30mV/°C       |
|   | Uso standby  | No límite en la corriente inicial de carga corriente 13.5V ~13.8V at 25°C (77°F)Temp. Coefficient -20mV/°C |
| Capacidad afectada por la temperatura   | 40°C (104°F) 103%  |  |
|   | 25°C (77°F) 100%   |  |
|   | 0°C (32°F) 86%   |  |
| <b>Diseño de vida de flotación 20°C</b> | 10 Years   |  |
| <b>Autodescarga</b>                     | Las baterías pueden almacenarse hasta 6 meses a 25°C(77°F), entonces una recarga será necesaria. Para temperaturas más altas el intervalo de tiempo para realizar esta recarga será menor. |  |

**Dimensiones**

**F11 Terminal**



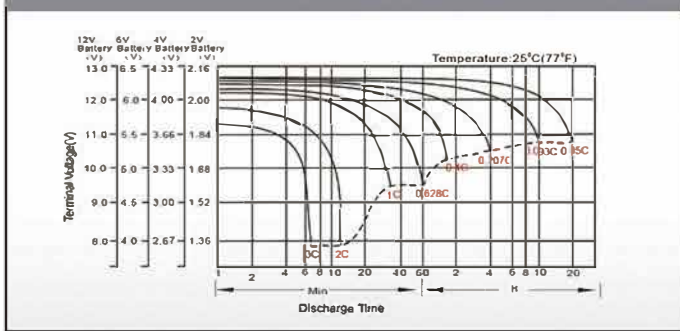
### Descarga de corriente constante (Amperes) a 25°C (77°F)

| F.V/Time   | 5min  | 10min | 15min | 20min | 30min | 45min | 1h    | 2h   | 3h   | 4h   | 5h   | 6h   | 8h   | 10h  | 20h  |
|------------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|
| 1.85V/cell | 342.3 | 278.4 | 240.0 | 204.6 | 154.8 | 115.1 | 94.3  | 60.1 | 46.2 | 37.6 | 31.3 | 27.2 | 22.1 | 18.9 | 10.3 |
| 1.80V/cell | 459.5 | 343.9 | 282.4 | 235.8 | 179.5 | 133.9 | 105.6 | 65.5 | 50.6 | 40.6 | 33.6 | 29.2 | 23.4 | 20.0 | 10.4 |
| 1.75V/cell | \     | 377.8 | 302.0 | 250.2 | 189.2 | 139.0 | 110.5 | 68.0 | 52.0 | 41.7 | 34.5 | 30.0 | 23.8 | 20.2 | 10.5 |
| 1.70V/cell | \     | 411.8 | 322.5 | 264.0 | 196.4 | 144.5 | 114.0 | 70.7 | 53.5 | 42.7 | 35.3 | 30.6 | 24.2 | 20.4 | 10.7 |
| 1.65V/cell | \     | 444.4 | 342.9 | 281.4 | 204.6 | 148.1 | 117.8 | 72.7 | 55.8 | 44.2 | 36.3 | 31.3 | 24.7 | 20.8 | 10.8 |
| 1.60V/cell | \     | 476.4 | 366.7 | 297.6 | 216.0 | 154.4 | 122.0 | 75.1 | 57.5 | 45.5 | 37.3 | 32.0 | 25.1 | 21.0 | 10.9 |

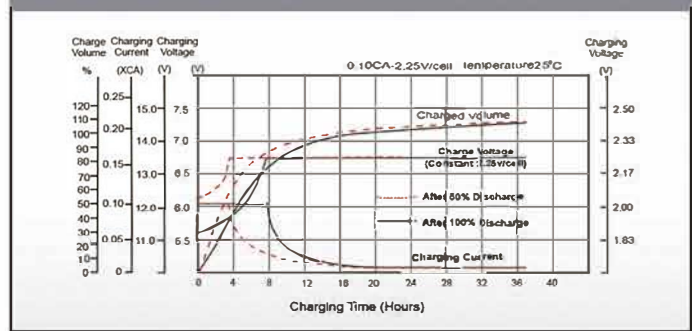
### Descarga de potencia constante (Watts) a 25°C (77°F)

| F.V/Time   | 5min  | 10min | 15min | 20min | 30min | 45min | 1h    | 2h    | 3h    | 4h   | 5h   | 6h   | 8h   | 10h  | 20h  |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|
| 1.85V/cell | 625.9 | 514.3 | 447.8 | 385.7 | 295.0 | 221.3 | 181.9 | 116.6 | 90.1  | 73.4 | 61.3 | 53.5 | 43.6 | 37.4 | 20.4 |
| 1.80V/cell | 831.2 | 627.7 | 519.9 | 438.0 | 336.9 | 255.4 | 202.6 | 126.4 | 98.1  | 78.9 | 65.5 | 57.2 | 46.1 | 39.5 | 20.6 |
| 1.75V/cell | \     | 678.7 | 549.2 | 460.2 | 352.2 | 262.5 | 211.0 | 130.6 | 100.5 | 80.7 | 67.2 | 58.6 | 46.8 | 39.9 | 20.7 |
| 1.70V/cell | \     | 723.0 | 578.2 | 482.0 | 363.5 | 272.0 | 217.0 | 135.6 | 103.1 | 82.6 | 68.6 | 59.7 | 47.4 | 40.2 | 21.1 |
| 1.65V/cell | \     | 773.1 | 610.1 | 509.9 | 375.7 | 276.3 | 222.7 | 138.5 | 107.0 | 85.1 | 70.2 | 60.8 | 48.4 | 41.0 | 21.4 |
| 1.60V/cell | \     | 809.8 | 641.7 | 533.4 | 393.8 | 286.4 | 229.4 | 142.5 | 109.8 | 87.3 | 72.0 | 61.9 | 49.0 | 41.4 | 21.5 |

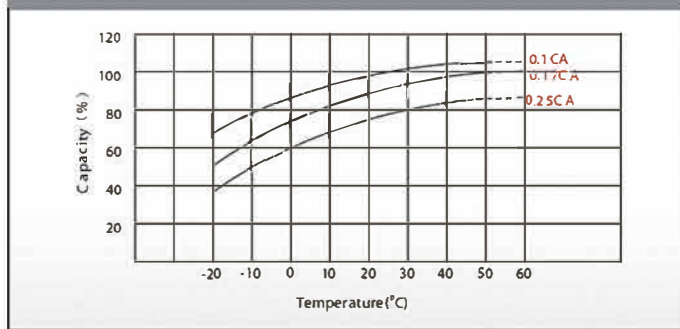
### Características de descarga



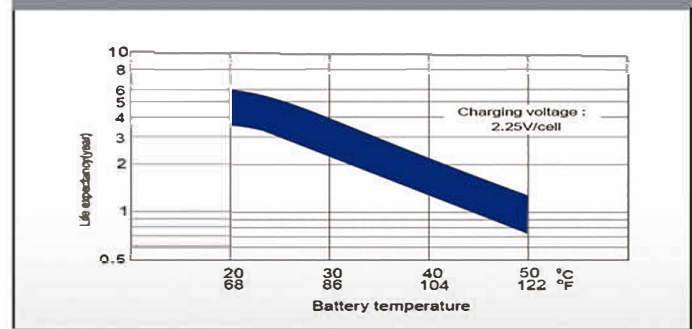
### Características de carga de flotación



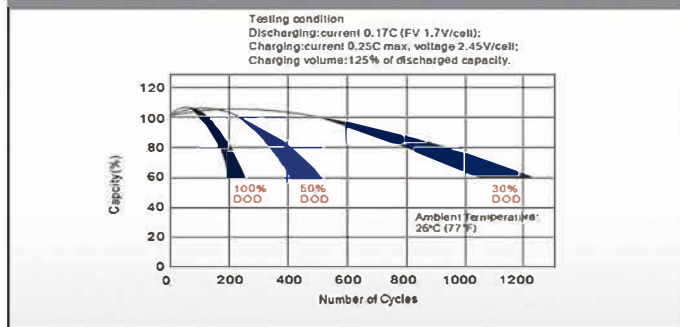
### Efectos de temperatura en relación con la capacidad de la batería



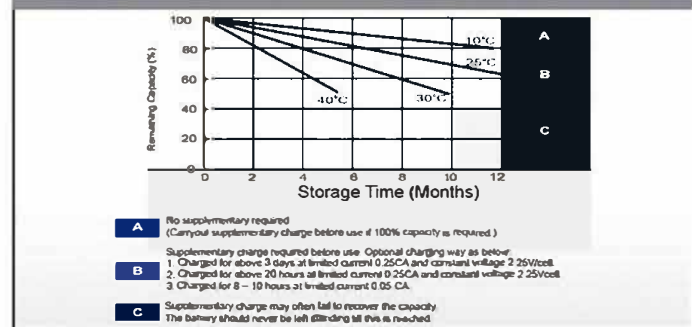
### Efecto de la temperatura en largos periodos de vida de flotación



### Ciclo de vida en relación a la descarga profunda



### Características de autodescarga



La construcción de la batería será tipo AGM con ABS case (celda cerrada en la que se encuentran las placas de plomo, separador y electrolito contenidos). Se compone normalmente de célula y cubierta que están permanentemente unidas)