



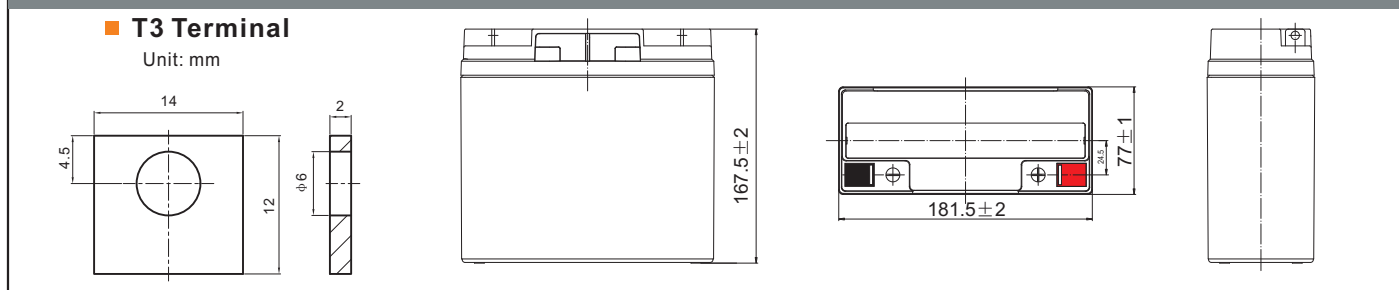
### Especificaciones técnicas

|                            |                           |
|----------------------------|---------------------------|
| Referencia:                | CT 12 180                 |
| Largo:                     | 181.5± 2 mm (7.14 inches) |
| Ancho:                     | 77 ± 1 mm (3.03 inches)   |
| Alto:                      | 167.5± 2 mm (6.59 inches) |
| Alto total (con terminal): | 167.5± 2 mm (6.59 inches) |
| Peso aproximado:           | Approx 5.4 kg (11.9 lbs)  |

### Especificaciones

|                                  |                                                                                                                                                                                                    |                                                                                       |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                                  | Voltaje Nominal                                                                                                                                                                                    | 12V                                                                                   |
|                                  | Capacidad Nominal (20HR)                                                                                                                                                                           | 18AH                                                                                  |
| Tipo de terminal                 | Terminal estandar                                                                                                                                                                                  | BOLT & NUT TYPE                                                                       |
|                                  | Terminal opcional                                                                                                                                                                                  |                                                                                       |
| Material contenido               | Opción estandar                                                                                                                                                                                    | ABS                                                                                   |
|                                  | Opción retardante de llama                                                                                                                                                                         | ABS (UL94:VO available)                                                               |
| Capacidad nominal                | 18.0 AH/0.90A                                                                                                                                                                                      | (20hr,1.80V/cell, 25°C / 77°F)                                                        |
|                                  | 17.0 AH/1.70A                                                                                                                                                                                      | (10hr,1.75V/cell, 25°C / 77°F)                                                        |
|                                  | 15.45AH/3.09A                                                                                                                                                                                      | (5hr,1.70V/cell, 25°C / 77°F)                                                         |
|                                  | 13.89 AH/4.63A                                                                                                                                                                                     | (3hr,1.70V/cell, 25°C / 77°F)                                                         |
|                                  | 11.1AH/11.1A                                                                                                                                                                                       | (1hr,1.60V/cell, 25°C / 77°F)                                                         |
| Máxima corriente de descarga     | 270 A (5s)                                                                                                                                                                                         |                                                                                       |
| Resistencia interna              | Approx 16m Ω                                                                                                                                                                                       |                                                                                       |
| Características de descarga      | Rango de temperatura de funcionamiento                                                                                                                                                             | Descarga: -15 ~ 50°C (5 ~ 122°F)                                                      |
|                                  |                                                                                                                                                                                                    | Carga: 0 ~ 40°C (32 ~ 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 5.4A Voltaje 14.4V ~15.0V at 25°C (77°F) Temp        |
|                                  | Uso standby                                                                                                                                                                                        | No límite en la corriente inicial de carga corriente 13.5V ~13.8V at 25°C (77°F) Temp |
|                                  | Capacidad afectada por la temperatura                                                                                                                                                              | 40°C (104°F) 103%                                                                     |
|                                  |                                                                                                                                                                                                    | 25°C (77°F) 100%                                                                      |
|                                  |                                                                                                                                                                                                    | 0°C (32°F) 86%                                                                        |
| Diseño de vida de flotación 20°C | 4 ~ 6 años                                                                                                                                                                                         |                                                                                       |
| Autodescarga                     | Las baterías Curtiss 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



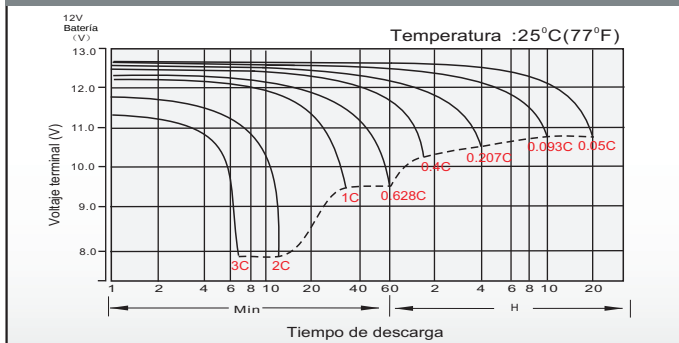
**Descarga de corriente constante(Amperes) a 25°C (77°F)**

| F.V/Time   | 5min | 10min | 15min | 20min | 30min | 45min | 1h   | 2h   | 3h   | 4h   | 5h   | 6h   | 8h   | 10h  | 20h   |
|------------|------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|-------|
| 1.85V/cell | 33.9 | 25.6  | 22.7  | 19.9  | 15.3  | 11.4  | 9.11 | 5.51 | 4.13 | 3.35 | 2.84 | 2.47 | 1.96 | 1.63 | 0.884 |
| 1.80V/cell | 40.8 | 30.2  | 25.9  | 22.1  | 16.7  | 12.2  | 9.79 | 5.85 | 4.34 | 3.51 | 2.94 | 2.55 | 2.02 | 1.67 | 0.900 |
| 1.75V/cell | 45.8 | 33.0  | 27.8  | 23.4  | 17.4  | 12.8  | 10.2 | 6.07 | 4.49 | 3.60 | 3.03 | 2.62 | 2.06 | 1.70 | 0.918 |
| 1.70V/cell | 49.9 | 35.4  | 29.7  | 24.7  | 18.1  | 13.2  | 10.6 | 6.27 | 4.63 | 3.69 | 3.09 | 2.67 | 2.09 | 1.72 | 0.929 |
| 1.65V/cell | 53.8 | 37.7  | 31.1  | 25.8  | 18.9  | 13.8  | 10.9 | 6.44 | 4.73 | 3.77 | 3.14 | 2.71 | 2.12 | 1.74 | 0.938 |
| 1.60V/cell | 57.9 | 39.6  | 31.9  | 26.4  | 19.3  | 14.0  | 11.1 | 6.59 | 4.82 | 3.84 | 3.20 | 2.74 | 2.15 | 1.76 | 0.945 |

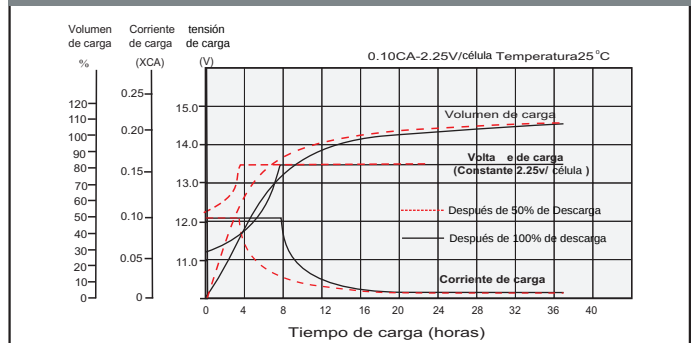
**Descarga de potencia constante (Watts) a 25°C (77°F)**

| F.V/Time   | 5min  | 10min | 15min | 20min | 30min | 45min | 1h   | 2h   | 3h   | 4h   | 5h   | 6h   | 8h   | 10h  | 20h  |
|------------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|
| 1.85V/cell | 64.0  | 48.8  | 43.6  | 38.5  | 29.8  | 22.3  | 17.9 | 10.9 | 8.21 | 6.68 | 5.68 | 4.95 | 3.95 | 3.29 | 1.79 |
| 1.80V/cell | 76.3  | 57.2  | 49.5  | 42.7  | 32.4  | 23.9  | 19.2 | 11.5 | 8.59 | 6.98 | 5.86 | 5.09 | 4.04 | 3.36 | 1.81 |
| 1.75V/cell | 84.8  | 62.0  | 52.8  | 44.8  | 33.6  | 24.9  | 20.0 | 11.9 | 8.87 | 7.14 | 6.02 | 5.21 | 4.11 | 3.39 | 1.82 |
| 1.70V/cell | 91.1  | 65.6  | 55.7  | 46.8  | 34.7  | 25.6  | 20.6 | 12.2 | 9.06 | 7.25 | 6.08 | 5.27 | 4.15 | 3.42 | 1.83 |
| 1.65V/cell | 96.6  | 68.8  | 57.5  | 48.4  | 35.8  | 26.3  | 21.0 | 12.5 | 9.19 | 7.35 | 6.15 | 5.32 | 4.18 | 3.43 | 1.84 |
| 1.60V/cell | 101.5 | 70.8  | 58.0  | 48.7  | 36.0  | 26.5  | 21.3 | 12.7 | 9.31 | 7.45 | 6.22 | 5.33 | 4.21 | 3.45 | 1.85 |

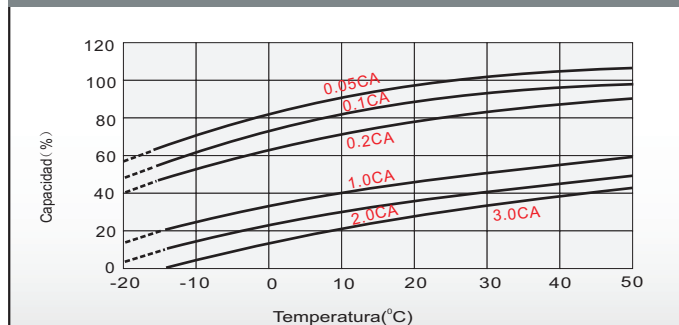
**Características de descarga**



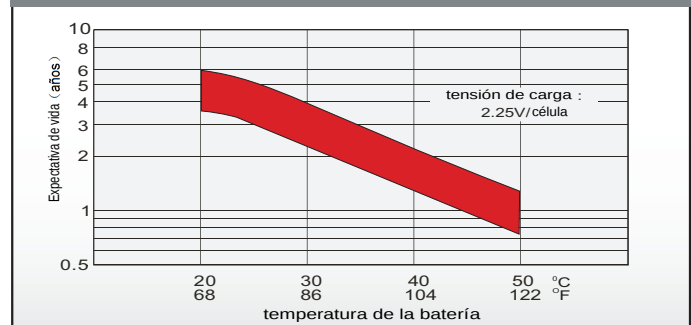
**Características de carga de flotación**



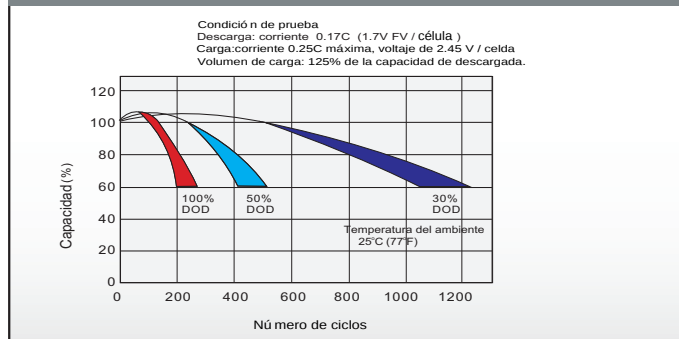
**Efectos de temperatura en relación con la capacidad de la batería**



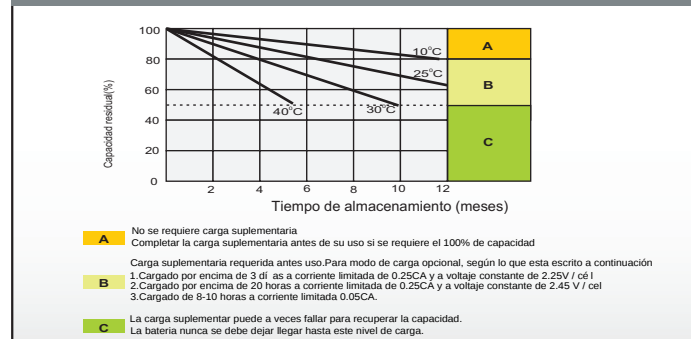
**Efecto de la temperatura en largos periodos de vida de flotación**



**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.