



**BAT-PL150**

## BATERÍA DE 12V DC 150 PARA ALARMA PIMA-JFL-DSC PL150

### Especificaciones:

|                              |   |
|------------------------------|---|
| Tipo                         | BATERÍA ALARMA  |
| Voltaje Nominal              | 12V (6 celdas en serie)   |
| Capacidad Nominal            | 150.0Ah (C10, 1.80V/celda)  |
| Dimensiones (mm)             | Longitud: 485 ± 3 mm  |
|                              | Ancho: 169 ± 2 mm   |
|                              | Altura: 240 ± 3 mm  |
|                              | Altura Total: 240 ± 3 mm  |
| Capacidad Nominal @25°C (Ah) | Tasa de 20 horas (8.040A hasta 10.8V): 160.8Ah  |
|                              | Tasa de 10 horas (15.15A hasta 10.8V): 151.5Ah  |
|                              | Tasa de 5 horas (25.94A hasta 10.8V): 129.7Ah   |
|                              | Tasa de 1 hora (94.95A hasta 10.5V): 94.9Ah   |
| Peso Aproximado              | 40.5 kg   |
| Terminal                     | T13   |
| Corriente Máxima de Descarga | 1200A @25°C (5s)  |
| Resistencia Interna          | 4.0mΩ @25°C (batería completamente cargada)   |
| Temperatura Ambiente         | Carga: -15°C ~ 50°C   |
|                              | Descarga: -20°C ~ 60°C  |
|                              | Almacenamiento: -20°C ~ 50°C  |
| Material del Contenedor      | A.B.S., UL94-HB, UL94-V0  |
| Autodescarga                 | Las baterías VRLA pueden almacenarse por más de 6 meses a 25°C. La tasa de autodescarga es inferior al 3% por mes a 25°C. |

## Factores de Capacidad con Diferentes Temperaturas

| Battery type |          | -20°C | -10°C | 0°C | 5°C | 10°C | 20°C | 25°C | 30°C | 40°C | 45°C |
|--------------|----------|-------|-------|-----|-----|------|------|------|------|------|------|
| GEL Battery  | 6V & 12V | 50%   | 70%   | 83% | 85% | 90%  | 98%  | 100% | 102% | 104% | 105% |
|              | 2V       | 60%   | 75%   | 85% | 88% | 92%  | 99%  | 100% | 103% | 105% | 106% |

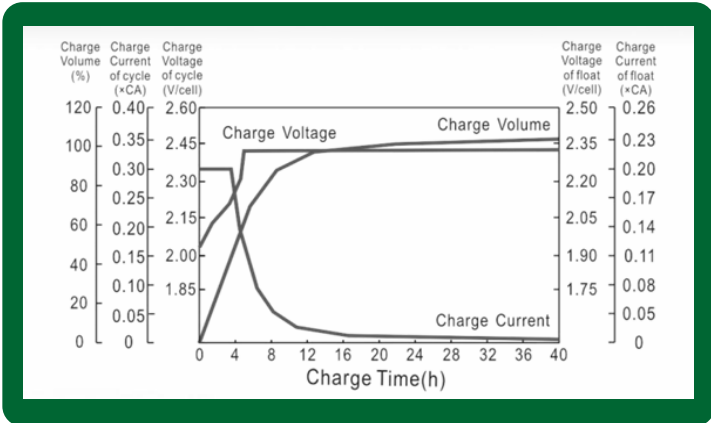
## Características de Descarga a Corriente Constante (A), (25°C)

| F.V/Time   | 5min  | 10min | 15min | 30min | 60min | 2H    | 3H    | 5H    | 8H    | 10H   | 20H   |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1.60V/cell | 502.5 | 322.5 | 262.5 | 168.8 | 97.50 | 58.28 | 40.32 | 27.05 | 18.63 | 15.75 | 8.640 |
| 1.70V/cell | 442.5 | 292.5 | 251.3 | 164.3 | 96.15 | 57.53 | 39.83 | 26.73 | 18.33 | 15.45 | 8.340 |
| 1.75V/cell | 397.5 | 270.0 | 237.8 | 159.8 | 94.95 | 56.78 | 39.38 | 26.33 | 18.15 | 15.30 | 8.190 |
| 1.80V/cell | 345.0 | 244.5 | 222.8 | 153.6 | 93.00 | 56.00 | 38.63 | 25.94 | 17.88 | 15.15 | 8.040 |

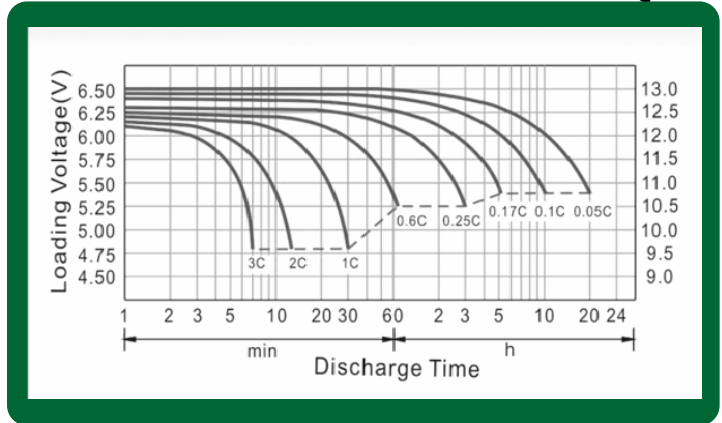
## Características de Descarga a Potencia Constante (Watt), (25°C)

| F.V/Time   | 5min  | 10min | 15min | 30min | 60min | 2H    | 3H    | 5H    | 8H    | 10H   | 20H   |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1.60V/cell | 866.8 | 575.1 | 476.9 | 315.0 | 186.9 | 113.6 | 79.97 | 53.77 | 37.07 | 31.37 | 17.27 |
| 1.70V/cell | 781.8 | 531.4 | 462.7 | 309.3 | 185.1 | 112.7 | 79.19 | 53.28 | 36.57 | 30.85 | 16.68 |
| 1.75V/cell | 712.2 | 497.3 | 441.8 | 303.5 | 183.6 | 111.7 | 78.49 | 52.61 | 36.30 | 30.60 | 16.38 |
| 1.80V/cell | 626.8 | 456.4 | 417.7 | 294.4 | 180.6 | 111.1 | 77.19 | 51.87 | 35.76 | 30.30 | 16.08 |

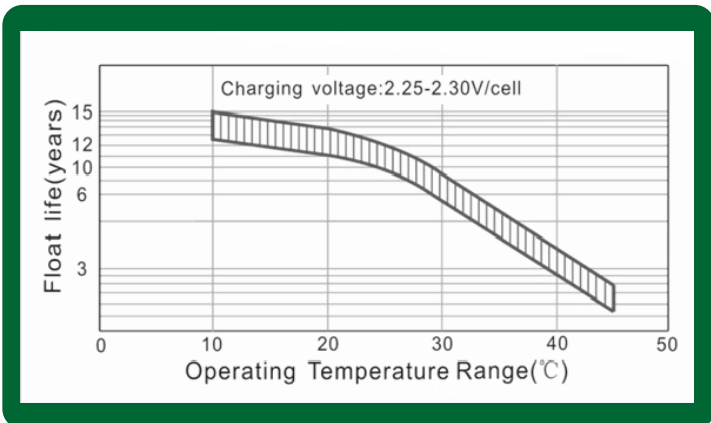
### Curva de Características de Carga



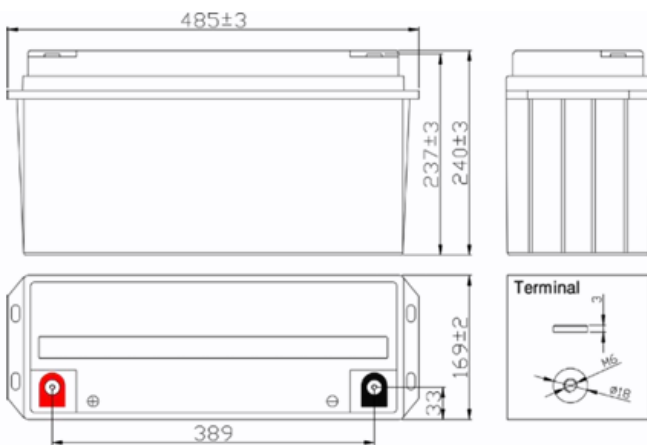
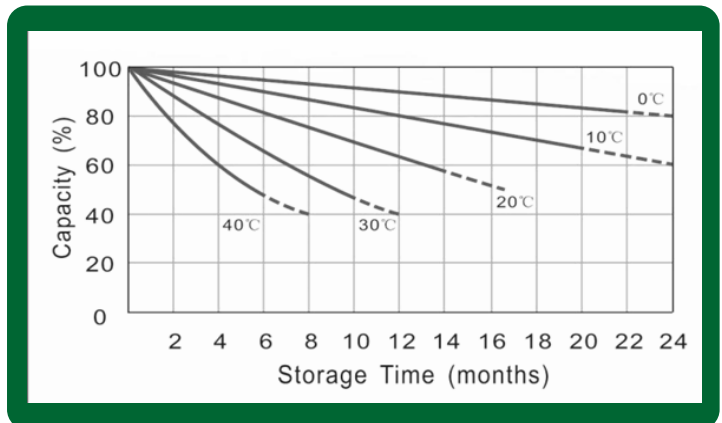
### Curva de Características de Descarga



### Vida Útil en Servicio en Flotación VS Temperatura



### Características de Almacenamiento de Capacidad



### Certificaciones

