



BAT-PL100

BATERÍA DE 12V DC 100 AH PARA ALARMA PIMA-JFL-DSC PL100

Especificaciones:

| | |
|------------------------------|---|
| Tipo | BATERÍA ALARMA |
| Voltaje Nominal | 12V (6 celdas en serie) |
| Capacidad Nominal | 100.0Ah (C10, 1.80V/celda) |
| Dimensiones (mm) | Longitud: 328 ± 3 mm |
| | Ancho: 172 ± 2 mm |
| | Altura: 217 ± 3 mm |
| | Altura Total: 220 ± 3 mm |
| Capacidad Nominal @25°C (Ah) | Tasa de 20 horas (5.360A hasta 10.8V): 107.2Ah |
| | Tasa de 10 horas (10.10A hasta 10.8V): 101.0Ah |
| | Tasa de 5 horas (17.29A hasta 10.8V): 86.4Ah |
| | Tasa de 1 hora (63.30A hasta 10.5V): 63.3Ah |
| Peso Aproximado | 28.0 kg |
| Terminal | T12 |
| Corriente Máxima de Descarga | 800A @25°C (5s) |
| Resistencia Interna | 5.0mΩ @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% |

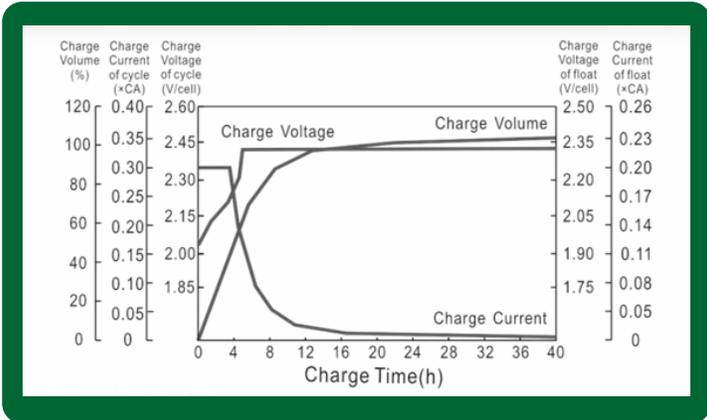
Características de Descarga a Corriente Constante (A), (25°C)

| F.V/Time | 5min | 10min | 15min | 30min | 60min | 2H | 3H | 5H | 8H | 10H | 20H |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1.60V/cell | 335.0 | 215.0 | 175.0 | 112.5 | 65.00 | 38.85 | 26.88 | 18.03 | 12.42 | 10.50 | 5.760 |
| 1.70V/cell | 295.0 | 195.0 | 167.5 | 109.5 | 64.10 | 38.35 | 26.55 | 17.82 | 12.22 | 10.30 | 5.560 |
| 1.75V/cell | 265.0 | 180.0 | 158.5 | 106.5 | 63.30 | 37.85 | 26.25 | 17.55 | 12.10 | 10.20 | 5.460 |
| 1.80V/cell | 230.0 | 163.0 | 148.5 | 102.4 | 62.00 | 37.33 | 25.75 | 17.29 | 11.92 | 10.10 | 5.360 |

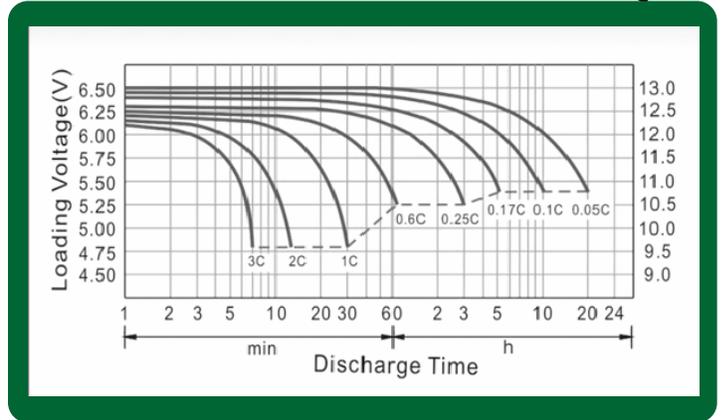
Características de Descarga a Potencia Constante (Watt), (25°C)

| F.V/Time | 5min | 10min | 15min | 30min | 60min | 2H | 3H | 5H | 8H | 10H | 20H |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1.60V/cell | 577.9 | 383.4 | 317.9 | 210.0 | 124.6 | 75.76 | 53.31 | 35.85 | 24.72 | 20.91 | 11.51 |
| 1.70V/cell | 521.2 | 354.3 | 308.5 | 206.2 | 123.4 | 75.10 | 52.79 | 35.52 | 24.38 | 20.57 | 11.12 |
| 1.75V/cell | 474.8 | 331.5 | 294.5 | 202.4 | 122.4 | 74.44 | 52.33 | 35.07 | 24.20 | 20.40 | 10.92 |
| 1.80V/cell | 417.8 | 304.3 | 278.4 | 196.3 | 120.4 | 74.04 | 51.46 | 34.58 | 23.84 | 20.20 | 10.72 |

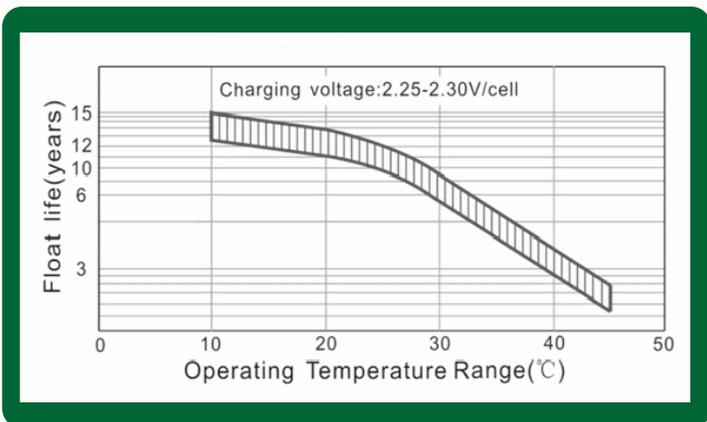
Curva de Características de Carga



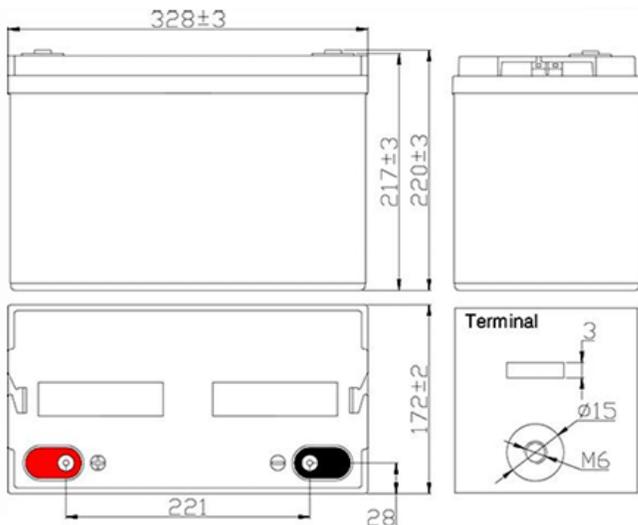
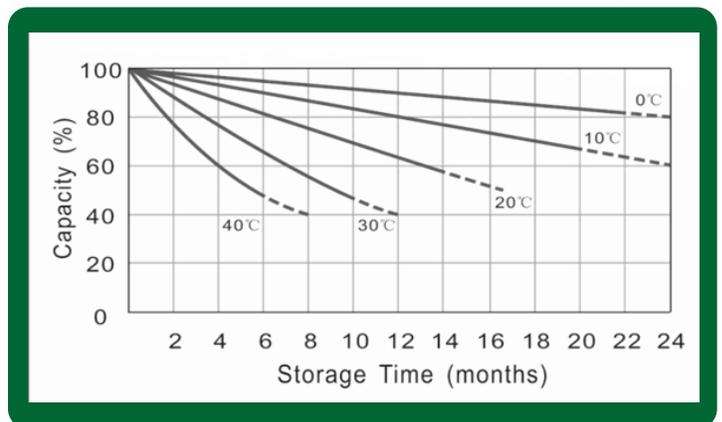
Curva de Características de Descarga



Vida Útil en Servicio en Flotación VS Temperatura



Características de Almacenamiento de Capacidad



Certificaciones

