

BLESS PÖWER

MODELO: LP12-7.0 (12V7.0AH) AGM/VRLA

Parámetros de especificación

| | | |
|---|--|------------------------------|
| Voltaje nominal | 12V | |
| Capacidad nominal(20hr) | 7AH | |
| Tamaño | Largo | 151±2mm(5.94inch) |
| | Ancho | 65±2mm(2.56inch) |
| | Alto | 94±2mm(3.7inch) |
| | Alto total | 98±2mm(3.86inch) |
| Peso | Alrededor de 2.02kg(+/-4%) | |
| Tipo de terminal | F1/F2 | |
| Material del cubierta exterior | ABS(UL-94HB) | |
| Resistencia interna | Alrededor de 18mΩ | |
| Capacidad | 7.0AH | (20hr, 1.75V/cell,25°C/77°F) |
| | 6.6AH | (10hr, 1.75V/cell,25°C/77°F) |
| | 6.0AH | (5hr, 1.75V/cell,25°C/77°F) |
| | 5.6AH | (3hr, 1.75V/cell,25°C/77°F) |
| | 3.9AH | (1hr, 1.75V/cell,25°C/77°F) |
| Corriente de descarga máxima | 105A(5S) | |
| Gama de temperatura de funcionamiento normal | 25±3°C (77±5°F) | |
| Voltaje de carga cíclica | Corriente de carga inferior a 0.25CA 14.1V~14.7V@25°C(77°F)Temp. Coeficiente de compensación -30mV/°C | |
| Voltaje de carga flotante | 13.5V~13.8V@25°C(77°F)Temp. Coeficiente de compensación -20mV/°C | |
| Efecto de la temperatura ambiente en la capacidad | 40°C | 103% |
| | 25°C | 100% |
| | 0°C | 86% |
| | -15°C | 65% |
| Autodescarga | 3 meses | Ahorro de capacidad: 91% |
| | 6 meses | Ahorro de capacidad:82% |
| | 12 meses | Ahorro de capacidad:65% |



Tamaño

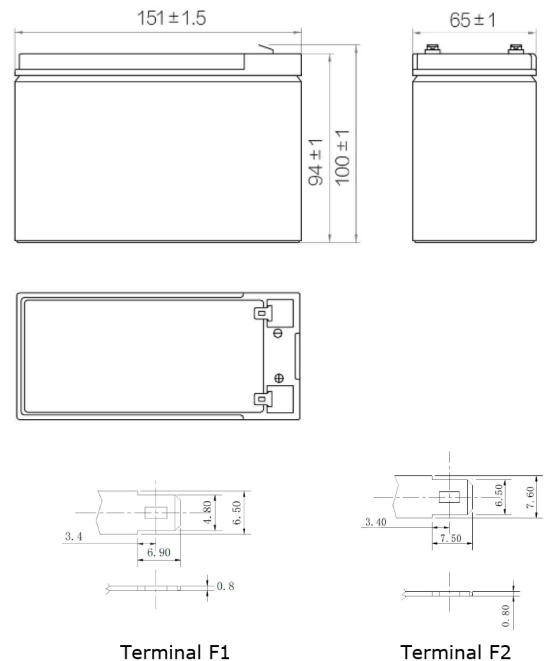


Tabla de parámetros de potencia constante 25°C(77°F)

| F.V/Time | 5min | 10min | 15min | 30min | 1h | 2h | 3h | 4h | 5h | 6h | 10h | 20h |
|------------|------|-------|-------|-------|------|------|------|------|------|------|------|------|
| 1.80V/cell | 40.8 | 27.0 | 21.8 | 14.5 | 8.41 | 4.61 | 3.33 | 2.73 | 2.66 | 1.91 | 1.25 | 0.64 |
| 1.75V/cell | 42.8 | 28.9 | 23.1 | 14.8 | 8.54 | 4.69 | 3.36 | 2.75 | 2.68 | 1.96 | 1.27 | 0.66 |
| 1.70V/cell | 45.5 | 30.0 | 24.2 | 15.2 | 8.70 | 4.75 | 3.38 | 2.76 | 2.68 | 1.99 | 1.28 | 0.69 |
| 1.67V/cell | 46.5 | 31.0 | 24.9 | 15.3 | 8.72 | 4.76 | 3.38 | 2.76 | 2.70 | 2.03 | 1.29 | 0.70 |
| 1.60V/cell | 47.8 | 31.2 | 25.2 | 15.6 | 8.75 | 4.80 | 3.39 | 2.78 | 2.71 | 2.06 | 1.31 | 0.73 |

Tabla de parámetros de corriente constante 25°C(77°F)

| F.V/Time | 5min | 10min | 15min | 30min | 1h | 2h | 3h | 4h | 5h | 6h | 10h | 20h |
|------------|------|-------|-------|-------|------|------|------|------|------|------|------|------|
| 1.80V/cell | 20.2 | 13.2 | 10.8 | 7.05 | 3.82 | 2.20 | 1.70 | 1.37 | 1.09 | 0.98 | 0.63 | 0.34 |
| 1.75V/cell | 21.9 | 14.4 | 11.4 | 7.23 | 4.00 | 2.29 | 1.73 | 1.41 | 1.15 | 1.00 | 0.65 | 0.34 |
| 1.70V/cell | 23.5 | 15.5 | 12.0 | 7.41 | 4.13 | 2.34 | 1.77 | 1.43 | 1.18 | 1.02 | 0.66 | 0.35 |
| 1.67V/cell | 25.1 | 16.7 | 12.6 | 7.60 | 4.22 | 2.37 | 1.85 | 1.49 | 1.21 | 1.05 | 0.67 | 0.35 |
| 1.60V/cell | 26.7 | 17.8 | 13.1 | 7.78 | 4.26 | 2.48 | 1.91 | 1.53 | 1.26 | 1.07 | 0.68 | 0.36 |

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Diagrama de características de descarga

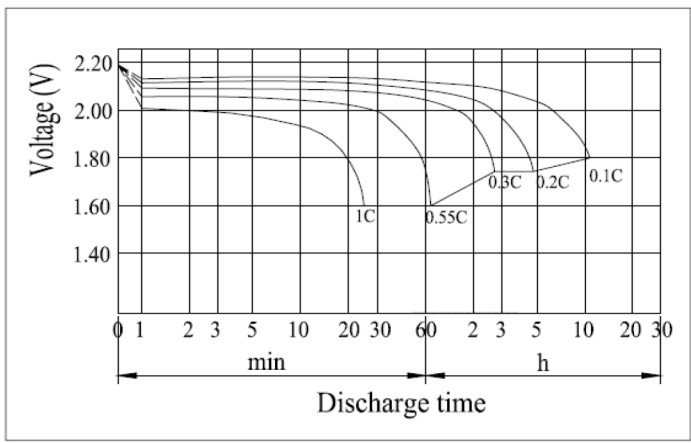
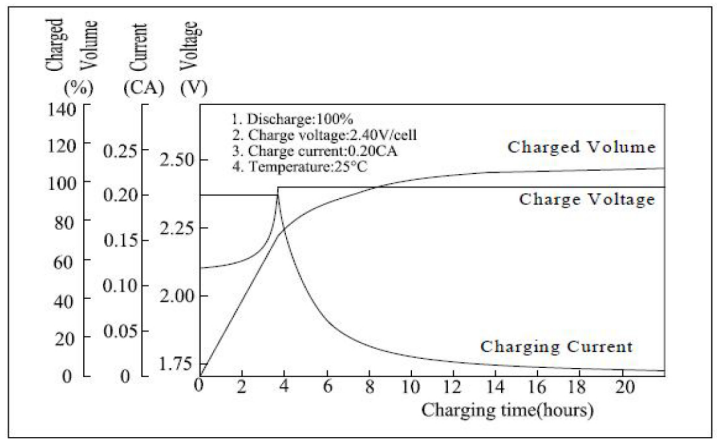


Diagrama característico de carga flotante



Relación entre temperatura y vida de carga flotante

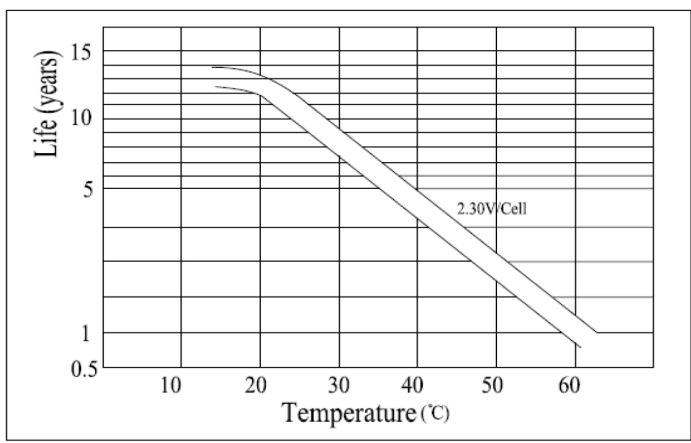
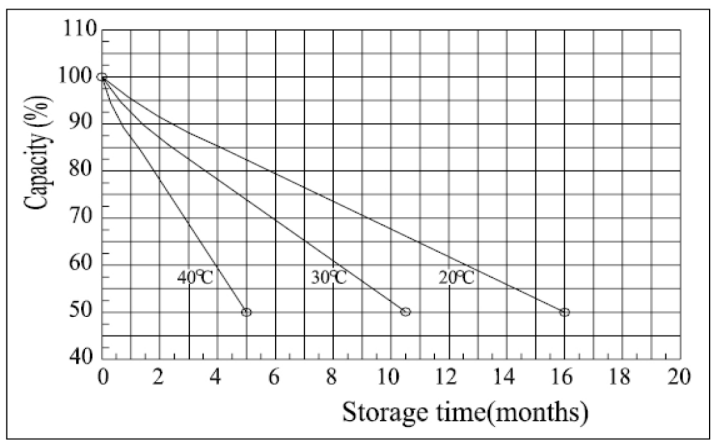
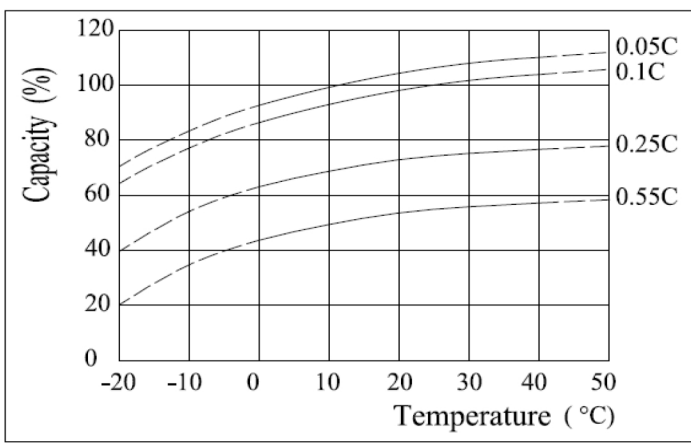


Diagrama de características de autodescarga (25°C/77°F)



Relación entre temperatura y capacidad



Relación entre profundidad de descarga y ciclo de vida

