



LHR Series-High Rate

LHR1236W(12V36W)

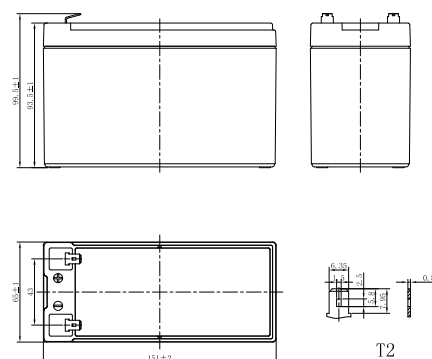


Specyfikacja

| | | | |
|---------------------------------|----------------------|-------------------------|--------------|
| Napięcie nominalne | 12V | | |
| Moc znamionowa (W, 1.67V/cell) | 36W/cell | | |
| Wymiary | Długość | 151±2mm (5.94 inches) | |
| | Szerokość | 65±1mm (2.56 inches) | |
| | Wysokość obudowy | 93.5±1mm (3.68 inches) | |
| | Całkowita wysokość | 99.5±1mm (3.92 inches) | |
| Waga | 2.70kg (5.95 lbs) | | |
| Terminal | T2 | | |
| Typ obudowy | ABS: UL 94 HB or V-0 | | |
| Pojemność (25°C) | 7.49 Ah | C10(0.749A, 1.80V/cell) | |
| | 7.36 Ah | C8(0.920A, 1.80V/cell) | |
| | 6.90 Ah | C5(1.38A, 1.75V/cell) | |
| | 6.12 Ah | C3(2.04A, 1.75V/cell) | |
| | 5.59 Ah | C1(5.59A, 1.60V/cell) | |
| Maksymalny prąd rozładowania | 120A (5s) | | |
| Rezystancja wew. (25°C) | Approx 16mΩ | | |
| Temperatura pracy | Rozładowanie | -20 ~ 55°C (-4 ~ 131°F) | |
| | Ładowanie | -20 ~ 40°C (-4 ~ 104°F) | |
| | Składowanie | -15 ~ 50°C (5 ~ 122°F) | |
| Nominalny zakres pracy (temp.) | 25±3°C (77±5°F) | | |
| Maksymalny prąd ładowania(25°C) | 2.00A | | |
| Napięcie ładowania (25°C) | Napięcie ładowania | Wsp. temp. | |
| | Float | 2.25 ~ 2.30V/cell | -3mV/cell/°C |
| Wpływ temp. na pojemność | Equalization | 2.30~2.40V/cell | -4mV/cell/°C |
| | 40°C (104°F) | 106% | |
| | 25°C (77°F) | 100% | |
| Samorozładowanie | 0°C (32°F) | 86% | |
| | ≤3%/ mies. @ 25°C | | |



Wymiary



Stałoprądowa charakterystyka rozładowania(Ampery) at 25 °C (77°F)

| F.V/Czas | 5min | 10min | 15min | 20min | 30min | 45min | 1h | 1.5h | 2h | 3h | 4h | 5h | 8h | 10h | 20h |
|------------|------|-------|-------|-------|-------|-------|------|------|------|------|------|------|-------|-------|-------|
| 1.85V/cell | 31.7 | 20.7 | 16.7 | 12.8 | 8.94 | 6.35 | 5.05 | 3.59 | 2.74 | 1.98 | 1.57 | 1.34 | 0.900 | 0.739 | 0.391 |
| 1.80V/cell | 34.1 | 21.9 | 17.6 | 13.3 | 9.22 | 6.53 | 5.18 | 3.67 | 2.79 | 2.01 | 1.60 | 1.36 | 0.920 | 0.749 | 0.396 |
| 1.75V/cell | 35.9 | 22.8 | 18.1 | 13.7 | 9.46 | 6.67 | 5.28 | 3.74 | 2.84 | 2.04 | 1.62 | 1.38 | 0.930 | 0.757 | 0.400 |
| 1.70V/cell | 37.6 | 23.7 | 18.8 | 14.1 | 9.70 | 6.82 | 5.38 | 3.80 | 2.88 | 2.07 | 1.64 | 1.40 | 0.940 | 0.764 | 0.403 |
| 1.67V/cell | 38.9 | 24.4 | 19.2 | 14.4 | 9.87 | 6.92 | 5.46 | 3.85 | 2.91 | 2.09 | 1.66 | 1.41 | 0.940 | 0.770 | 0.406 |
| 1.60V/cell | 41.3 | 25.4 | 19.9 | 14.8 | 10.1 | 7.10 | 5.59 | 3.93 | 2.97 | 2.13 | 1.69 | 1.43 | 0.960 | 0.780 | 0.411 |

Stalocmocowa charakterystyka rozładowania (Watts/cell) at 25 °C (77°F)

| F.V/Czas | 5min | 10min | 15min | 20min | 30min | 45min | 1h | 1.5h | 2h | 3h | 4h | 5h | 8h | 10h | 20h |
|------------|------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|-------|
| 1.85V/cell | 60.0 | 39.4 | 32.0 | 24.7 | 17.3 | 12.3 | 9.83 | 7.02 | 5.36 | 3.88 | 3.10 | 2.65 | 1.79 | 1.47 | 0.782 |
| 1.80V/cell | 63.9 | 41.4 | 33.4 | 25.5 | 17.7 | 12.6 | 10.0 | 7.14 | 5.45 | 3.94 | 3.14 | 2.68 | 1.82 | 1.49 | 0.791 |
| 1.75V/cell | 66.6 | 42.8 | 34.3 | 26.1 | 18.1 | 12.8 | 10.2 | 7.25 | 5.53 | 3.99 | 3.18 | 2.71 | 1.84 | 1.50 | 0.800 |
| 1.70V/cell | 69.1 | 44.2 | 35.2 | 26.7 | 18.5 | 13.1 | 10.4 | 7.36 | 5.60 | 4.04 | 3.22 | 2.74 | 1.85 | 1.52 | 0.807 |
| 1.67V/cell | 70.9 | 45.2 | 36.0 | 27.2 | 18.8 | 13.3 | 10.5 | 7.44 | 5.65 | 4.08 | 3.24 | 2.76 | 1.87 | 1.53 | 0.813 |
| 1.60V/cell | 73.7 | 46.5 | 37.0 | 27.9 | 19.2 | 13.5 | 10.7 | 7.56 | 5.74 | 4.14 | 3.29 | 2.80 | 1.89 | 1.54 | 0.822 |



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Aplikacje

- UPS
- Szpitale i laboratoria
- Systemy zasilania gwarantowanego
- Banki i instytucje finansowe
- Przemysł
- Data Centers

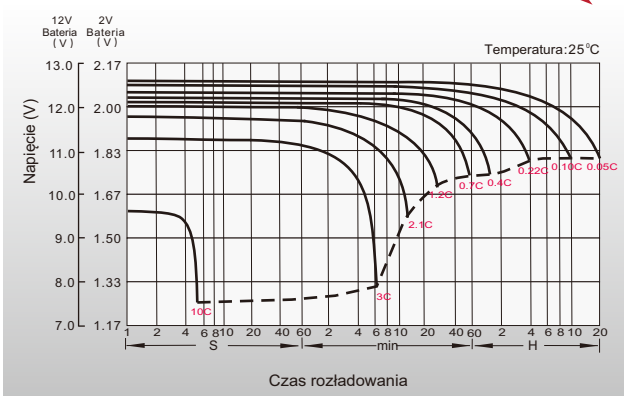
Główne cechy

- Wysokiej jakości separator AGM wydłużający żywotność i zapobiegający zwarciom cel
- PbCaSn zmniejsza gazowanie i obniża samorozładowanie
- Unikalny projekt zaworów: redukuje utratę wody i zapobiega dostawianiu się powietrza do środka

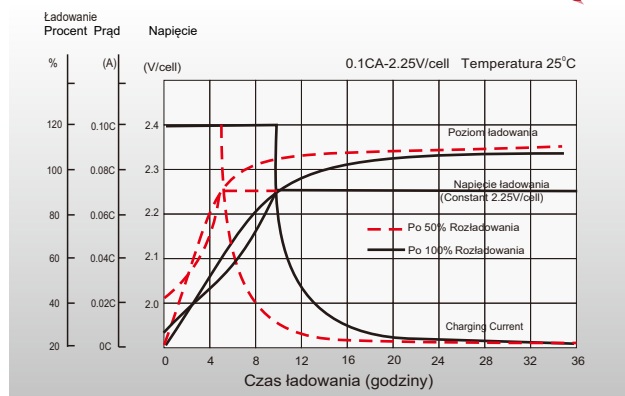
Standardy

- Projektowana żywotność wg Eurobat: Long Life (10-12 lat)
- Wyprodukowano w Leoch® zgodnie z certyfikatami IATF 16949, ISO 45001, ISO 9001 and ISO 14001
- Zgodne z normą IEC 60896 oraz YD/T 799

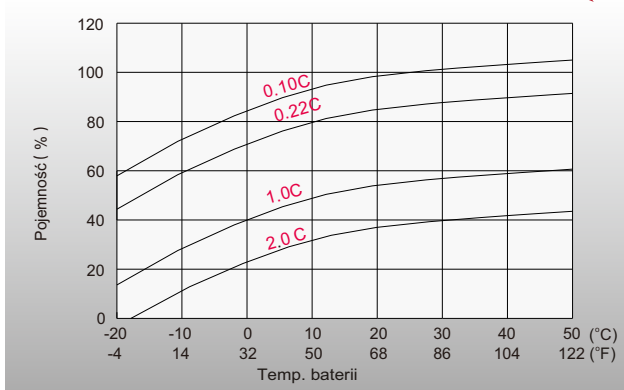
Charakterystyka rozładowania



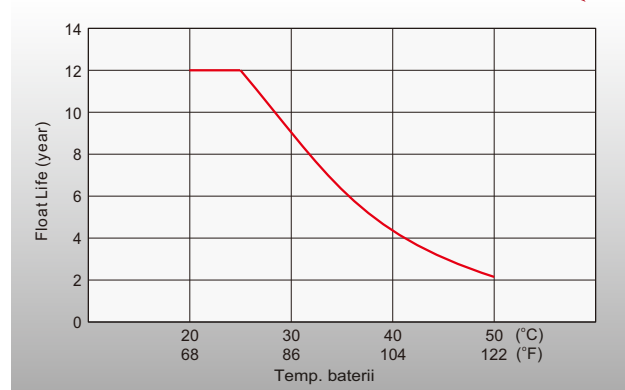
Charakterystyka doładowywania



Wpływ temperatury na czas rozładowania



Charakterystyka samorozładowania



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