

Specificatii

| | | | |
|---|---|---------------------------|-----------|
| Tensiune nominala | 12V | | |
| Capacitate nominala (20h) | 2,3Ah | | |
| Dimensiuni | Lungime | 178 ± 1,5mm | |
| | Latime | 34 ± 1mm | |
| | Inaltime carcasa | 60 ± 1mm | |
| | Inaltime totala (cu borne) | 66 ± 1mm | |
| Greutate | Approx 0,90kg | | |
| Tip Borna | T1 | | |
| Material carcasa | ABS | | |
| Capacitate | 2,3Ah / 0,115A | 20Hr, 1,75V/cell, 25°C | |
| | 2,1Ah / 0,21A | 10Hr, 1,75V/cell, 25°C | |
| | 1,95Ah / 0,39A | 5Hr, 1,75V/cell, 25°C | |
| | 1,68Ah / 0,56A | 3Hr, 1,75V/cell, 25°C | |
| | 1,51Ah / 1,51A | 1Hr, 1,60V/cell, 25°C | |
| Curent maxim de descarcare | 34,5A (5s) | | |
| Rezistenta interna | Approx 60mΩ | | |
| Interval temp. de utilizare | Descarcare: -15 ÷ 50°C | | |
| | Incarcare: -10 ÷ 50°C | | |
| | Depozitare: -20 ÷ 50°C | | |
| Temp. nominala de utilizare | 25 ± 3°C | | |
| Utilizare ciclica | Curent initial de incarcare: <0,69A. Tensiunea de incarcare: 14,5V ÷ 15,0V la 25°C. Coef. de corectie cu temperatura: -30mV / | | |
| Utilizare tampon (stand-by) | Curent initial de incarcare: <0,69A. Tensiunea de incarcare: 13,5V ÷ 13,8V at 25°C. Coef. de corectie cu temperatura: -18mV / | | |
| Influenta temperaturii asupra capacitatii | 40°C | 102% | 25°C 100% |
| | 0°C | 85% | -15°C 65% |
| Autodescercare la 25°C | 3 luni | Capacitate remanenta: 91% | |
| | 6 luni | Capacitate remanenta: 82% | |
| | 12 luni | Capacitate remanenta: 65% | |

Utilizari si caracteristici

Tehnologie: VRLA

Surse neinteruptibile de tensiune (UPS)

Sisteme electrice de alimentare (EPS)

Sisteme de semnalizare aeriene si feroviare

Iluminat de siguranta

Centrale electrice

Sisteme de alarma si securitate

Surse de alimentare cu C.C.

EN 60896-21,-22

Durata de viata proiectata: 5 ani

Eurobat: Standard Comercial

Bateriile din gama FOTON FS pot fi stocate pina la 6 luni la 25°C dupa care este recomandata o incarcare de improspatare

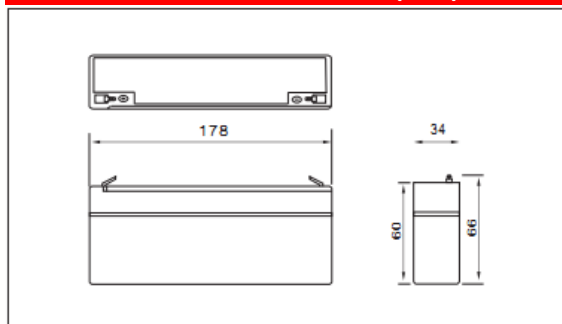
Descarcare cu curent constant (Amperi) la 25°C

| Ufinal/timp | 5min | 10min | 15min | 30min | 60min | 2h | 3h | 4h | 5h | 10h | 20h |
|-------------|------|-------|-------|-------|-------|------|------|------|------|------|-------|
| 9.60V | 8.79 | 5.57 | 4.35 | 2.45 | 1.51 | 0.82 | 0.57 | 0.47 | 0.40 | 0.22 | 0.117 |
| 9.90V | 8.52 | 5.40 | 4.24 | 2.40 | 1.48 | 0.82 | 0.57 | 0.47 | 0.40 | 0.22 | 0.116 |
| 10.2V | 8.17 | 5.18 | 4.09 | 2.33 | 1.45 | 0.81 | 0.56 | 0.47 | 0.40 | 0.22 | 0.116 |
| 10.5V | 7.82 | 4.95 | 3.95 | 2.27 | 1.42 | 0.80 | 0.56 | 0.46 | 0.39 | 0.21 | 0.115 |
| 10.8V | 7.38 | 4.68 | 3.74 | 2.19 | 1.37 | 0.78 | 0.54 | 0.45 | 0.38 | 0.21 | 0.113 |

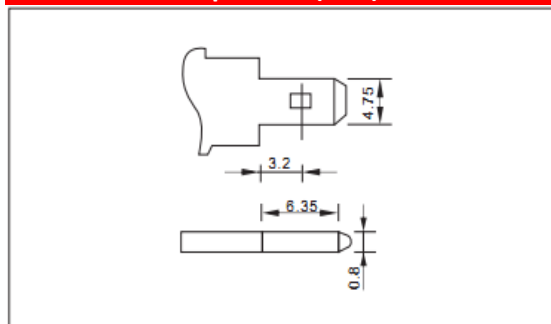
Descarcare cu putere constanta (Watts/bloc) la 25°C

| Ufinal/timp | 5min | 10min | 15min | 30min | 60min | 2h | 3h | 4h | 5h | 10h | 20h |
|-------------|------|-------|-------|-------|-------|------|------|------|------|------|------|
| 9.60V | 98.1 | 62.8 | 49.6 | 28.1 | 17.4 | 9.64 | 6.77 | 5.62 | 4.79 | 2.61 | 1.40 |
| 9.90V | 95.1 | 60.9 | 48.4 | 27.5 | 17.2 | 9.58 | 6.73 | 5.58 | 4.76 | 2.60 | 1.40 |
| 10.2V | 91.2 | 58.4 | 46.6 | 26.7 | 16.7 | 9.50 | 6.69 | 5.54 | 4.73 | 2.59 | 1.39 |
| 10.5V | 87.3 | 55.9 | 45.0 | 26.0 | 16.4 | 9.36 | 6.64 | 5.51 | 4.70 | 2.58 | 1.38 |
| 10.8V | 82.4 | 52.7 | 42.6 | 25.1 | 15.9 | 9.12 | 6.44 | 5.34 | 4.56 | 2.52 | 1.35 |

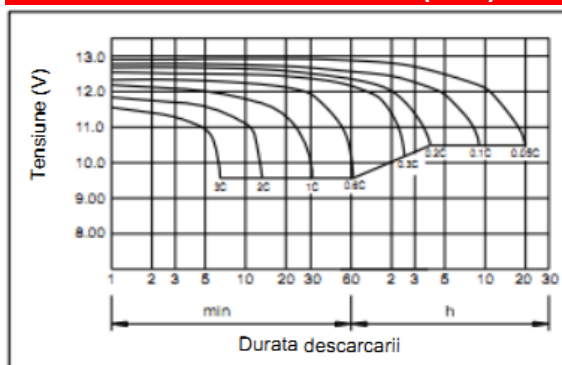
Dimensiuni exterioare (mm)



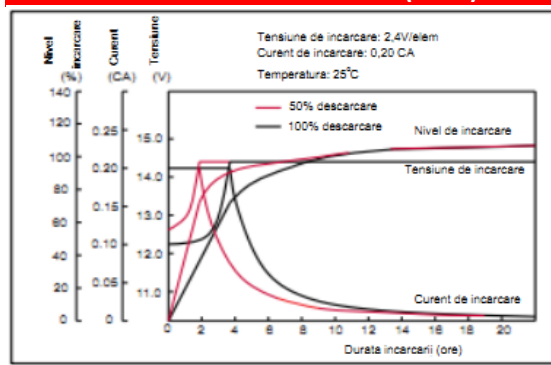
Tip Borna (mm)



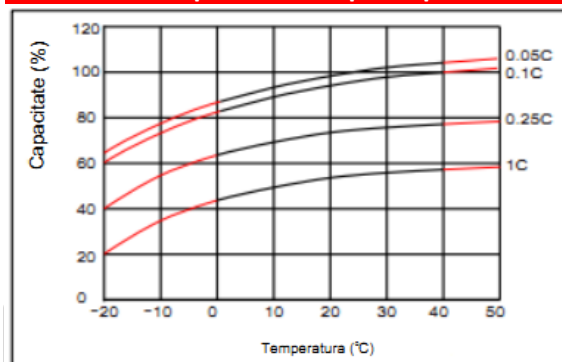
Caracteristici de descarcare (25°C)



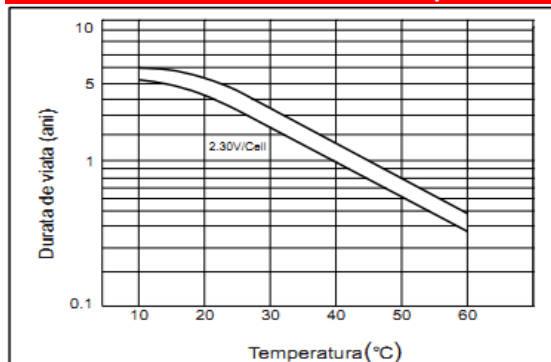
Caracteristici de incarcare (25°C)



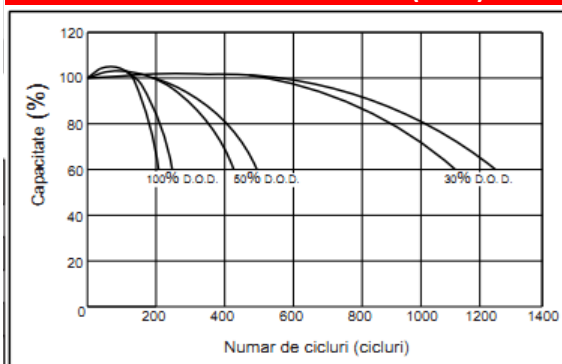
Efectul temperaturii asupra capacitatii



Durata de viata in functie de temperatura



Numar de cicluri vs D.O.D (25°C)



Relatia tensiune la borne / capacitate (25°C)

