

Specificatii

Tensiune nominala	12V	
Capacitate nominala (15 min)	34W / celula	
Dimensiuni	Lungime	151 ± 1,5mm
	Latime	65 ± 1mm
	Inaltime carcasa	94 ± 1mm
	Inaltime totala (cu borne)	100 ± 1mm
Greutate	Approx 2,6kg	
Borne	T2/T1	
Material carcasa	ABS	
Capacitate	9,0Ah / 0,45A	20Hr, 1,80V/celula, 25oC
	7,95Ah / 1,59A	5Hr, 1,75V/celula, 25oC
	6,90Ah / 2,30A	3Hr, 1,75V/celula, 25oC
	5,78Ah / 5,78A	1Hr, 1,60V/celula, 25oC
	34W / celula	15 min, 1,67V/celula, 25°C
Curent maxim de descarcare	135A (5s)	
Rezistenta interna	Approx 14mΩ	
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: <2,7A. Tensiunea de incarcare: 14,5V ÷ 15,0V la 25°C. Coef. de corectie cu temperatura: -30mV / °C	
Utilizare tampon (stand-by)	Curent initial de incarcare: <2,7A. Tensiunea de incarcare: 13,5V ÷ 13,8V at 25°C. Coef. de corectie cu temperatura: -18mV / °C	
Influenta temperaturii asupra capacitatii	40°C	102%
	25°C	100%
	0°C	85%
Autodescercare la 25°C	3 luni	Capacitate remanenta: 91%
	6 luni	Capacitate remanenta: 82%
	12 luni	Capacitate remanenta: 65%



Utilizari si caracteristici

Tehnologie: VRLA

Uninterruptible Power Supply (UPS)

Electric Power System (EPS)

Sisteme de semnalizare feroviare si aeriene

Iluminat de siguranta

Statii de alimentare electrica

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 FH pot fi stocate pina la 6 luni la 25°C dupa care este recomandata o incarcare de improspatare

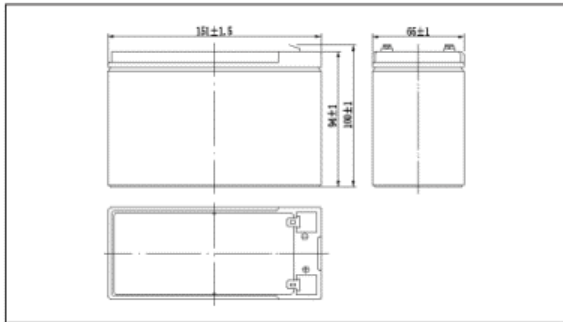
Descarcare cu curent constant (Amperi) la 25°C

Ufinal/timp	5min	10min	15min	20min	30min	45min	60min	2h	3h	4h	5h
1.60V/cell	36.8	22.7	17.8	14.1	9.55	7.07	5.78	3.31	2.35	1.89	1.62
1.67V/cell	35.2	21.7	17.2	13.5	9.24	6.84	5.64	3.28	2.33	1.87	1.61
1.70V/cell	34.2	21.1	16.7	13.2	9.07	6.72	5.55	3.26	2.32	1.87	1.60
1.75V/cell	32.8	20.2	16.2	12.8	8.85	6.55	5.44	3.21	2.30	1.85	1.59
1.80V/cell	30.9	19.0	15.3	12.1	8.53	6.31	5.27	3.13	2.23	1.80	1.55

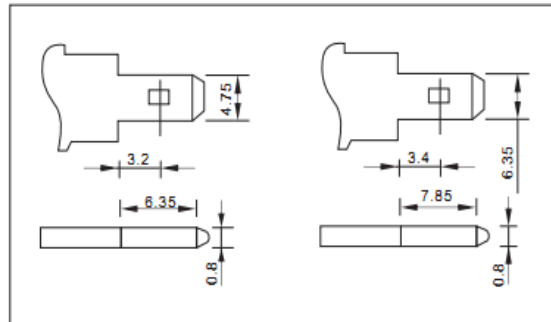
Descarcare cu putere constanta (Watts/celula) la 25oC

Ufinal/timp	5min	10min	15min	20min	30min	45min	60min	2h	3h	4h	5h
1.60V/cell	70.7	44.0	35.3	27.9	18.9	14.0	11.5	6.58	4.72	3.80	3.27
1.67V/cell	67.5	42.0	34.0	26.8	18.3	13.5	11.2	6.52	4.68	3.77	3.24
1.70V/cell	65.7	40.9	33.1	26.2	18.0	13.3	11.0	6.48	4.66	3.75	3.22
1.75V/cell	62.9	39.1	32.0	25.3	17.5	13.0	10.8	6.39	4.63	3.73	3.20
1.80V/cell	59.4	37.0	30.3	24.0	16.9	12.5	10.4	6.22	4.49	3.61	3.11

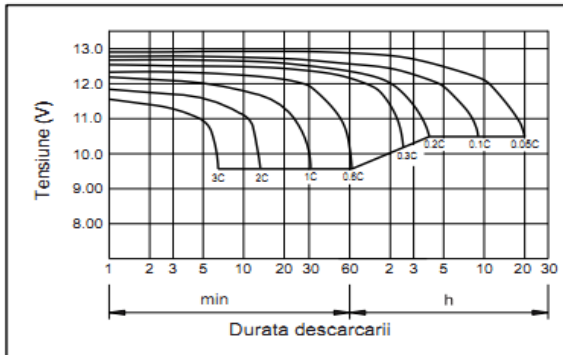
Dimensiuni exetrioare (mm)



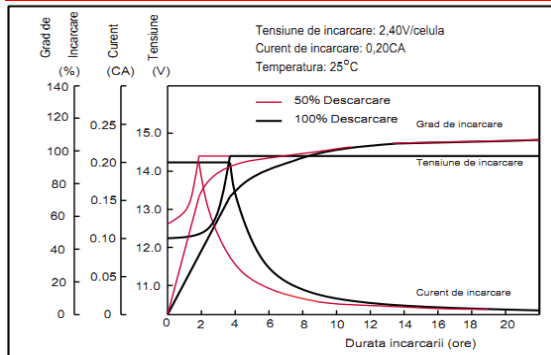
Tip borne (mm)



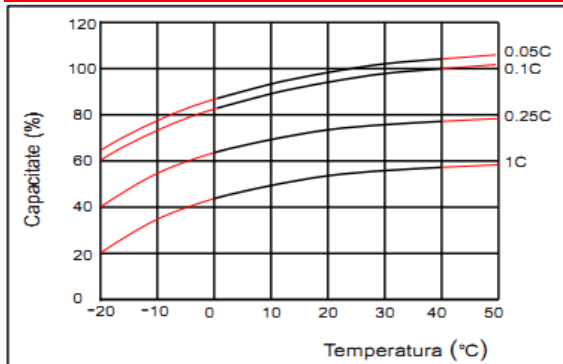
Caracteristici de descarcare (25°C)



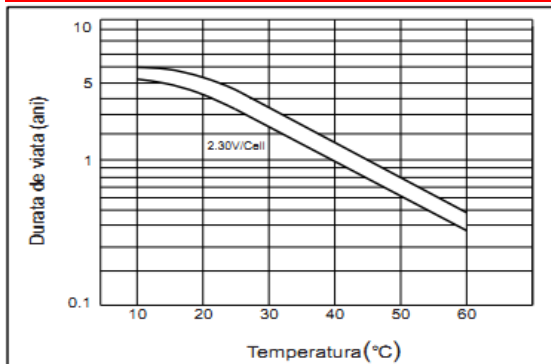
Caracteristici de incarcare (25°C)



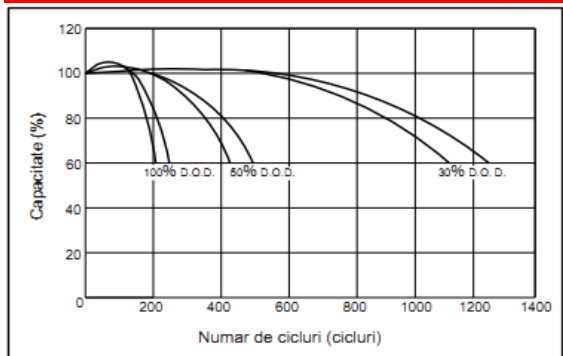
Efectul temperaturii asupra capacitatii



Durata de viata vs temperatura



Nr de cicluri vs adincime de descarcare (25°C)



Capacitate vs tensiune la borne (25°C)

