

Specificatii

Tensiune nominala	12V			
Capacitate nominala (15 min)	76W / celula			
Dimensiuni	Lungime	181 ± 2mm		
	Latime	77 ± 2mm		
	Inaltime carcasa	167 ± 2mm		
	Inaltime totala (cu borne)	167 ± 2mm		
Greutate	Approx 5,7kg			
Borne	FM5			
Material carcasa	ABS			
Capacitate	18,0Ah / 0,90A	20Hr, 1,80V/celula, 25oC		
	17,70Ah / 3,54A	5Hr, 1,75V/celula, 25oC		
	15,36Ah / 5,12A	3Hr, 1,75V/celula, 25oC		
	13,00Ah / 13,00A	1Hr, 1,60V/celula, 25oC		
	76W / celula	15 min, 1,67V/celula, 25°C		
Curent maxim de descarcare	270A (5s)			
Rezistenta interna	Approx 12mΩ			
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: <5,4A. 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: <5,4A. Tensiunea de incarcare: 13,5V ÷ 13,8V at 25°C. Coef. de corectie cu temperatura: -18mV / °C			
Influenta temperaturii asupra capacitatii	40°C	102%	0°C	85%
	25°C	100%	-15°C	65%
Autodescarcare la 25°C	3 luni	Capacitate remanenta: 91%		
	6 luni	Capacitate remanenta: 82%		
	12 luni	Capacitate remanenta: 65%		

Gama FH / FH12-18

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 impropstrare

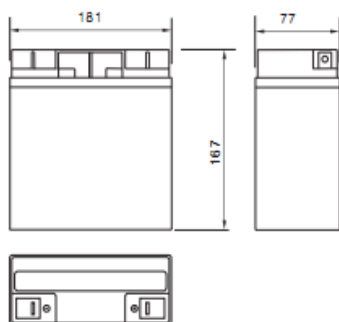
Descarcare cu curent constant (Amperi) la 25°C

Ufinal/Timp	5min	10min	15min	20min	30min	45min	60min	2h	3h	4h	5h
1.60V/cell	82.6	50.9	40.0	31.6	21.4	15.9	13.0	7.35	5.22	4.20	3.61
1.67V/cell	78.9	48.6	38.6	30.4	20.7	15.4	12.7	7.28	5.18	4.17	3.58
1.70V/cell	76.8	47.3	37.6	29.7	20.4	15.1	12.5	7.24	5.16	4.15	3.56
1.75V/cell	73.5	45.3	36.3	28.7	19.9	14.7	12.2	7.13	5.12	4.12	3.54
1.80V/cell	69.4	42.7	34.4	27.2	19.1	14.2	11.8	6.95	4.97	4.00	3.43

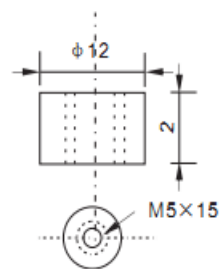
Descarcare cu putere constanta (Watts/celula) la 25oC

Ufinal/Timp	5min	10min	15min	20min	30min	45min	60min	2h	3h	4h	5h
1.60V/cell	159	98.7	79.1	62.6	42.4	31.4	25.7	14.6	10.5	8.45	7.26
1.67V/cell	151	94.3	76.4	60.1	41.1	30.4	25.1	14.5	10.4	8.37	7.19
1.70V/cell	148	91.8	74.4	58.9	40.3	29.8	24.7	14.4	10.4	8.34	7.17
1.75V/cell	141	87.9	71.8	56.8	39.3	29.1	24.2	14.2	10.3	8.28	7.12
1.80V/cell	133	82.9	68.1	53.8	37.9	28.0	23.4	13.8	9.98	8.03	6.90

Dimensiuni exterioare (mm)

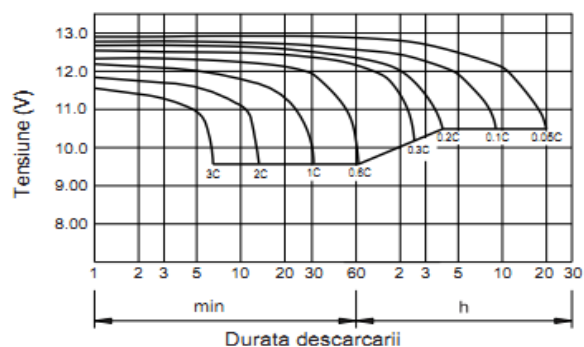


Tip borne (mm)

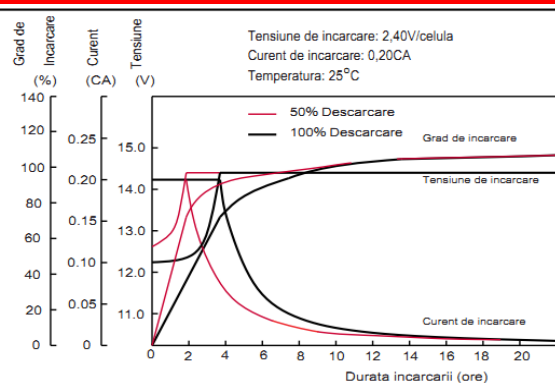


T12

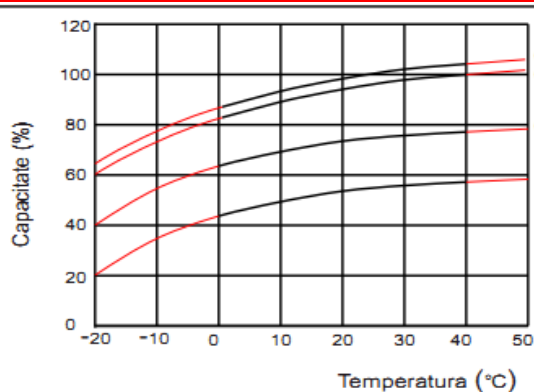
Caracteristici de descarcare (25°C)



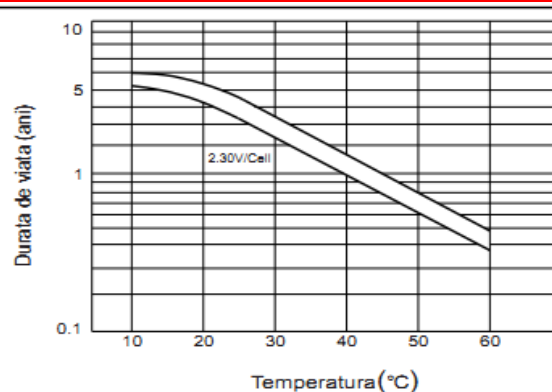
Caracteristici de incarcare (25°C)



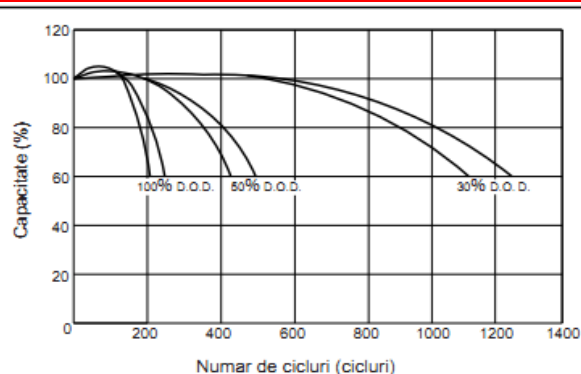
Efectul temperaturii asupra capacitatii



Durata de viata vs temperatura



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



Capacitate vs tensiune la borne (25°C)

