

## Specificatii

Tensiune nominala	6V		
Capacitate nominala (20h)	1,2Ah		
Dimensiuni	Lungime	98 ± 1,5mm	
	Latime	25 ± 1mm	
	Inaltime carcasa	52 ± 1mm	
	Inaltime totala (cu borne)	58 ± 1mm	
Greutate	Approx 0,28kg		
Tip Borna	T1		
Material carcasa	ABS		
Capacitate	1,2Ah / 0,06A	20Hr, 1,75V/cell, 25°C	
	1,1Ah / 0,11A	10Hr, 1,75V/cell, 25°C	
	1,05Ah / 0,21A	5Hr, 1,75V/cell, 25°C	
	0,87Ah / 0,29A	3Hr, 1,75V/cell, 25°C	
	0,79Ah / 0,79A	1Hr, 1,60V/cell, 25°C	
Curent maxim de descarcare	18A (5s)		
Rezistenta interna	Approx 52mΩ		
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: <0,36A. Tensiunea de incarcare: 7,25V ÷ 7,50V la 25°C. Coef. de corectie cu temperatura: -15mV /		
Utilizare tampon (stand-by)	Curent initial de incarcare: <0,36A. Tensiunea de incarcare: 6,75V ÷ 6,90V at 25°C. Coef. de corectie cu temperatura: -9mV /		
Influenta temperaturii asupra capacitatii	40°C	102%	25°C 100%
	0°C	85%	-15°C 65%
Autodescarcare la 25°C	3 luni	Capacitate remanenta: 91%	
	6 luni	Capacitate remanenta: 82%	
	12 luni	Capacitate remanenta: 65%	

## Gama FS / FS6-1,2



### Poza cu titlu de prezentare

### 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

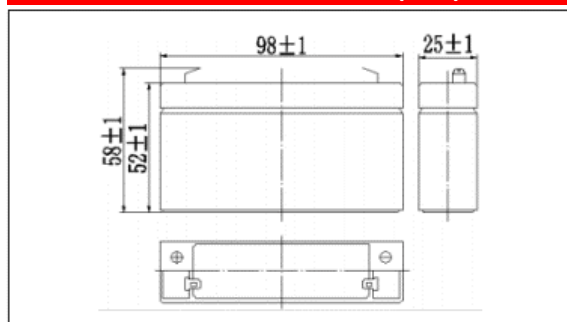
Ufinal / timp	5min	10min	15min	30min	60min	2h	3h	4h	5h	10h	20h
4.80V	4.58	2.90	2.27	1.28	0.79	0.43	0.30	0.25	0.21	0.11	0.06
4.95V	4.45	2.82	2.21	1.25	0.77	0.43	0.30	0.24	0.21	0.11	0.06
5.10V	4.26	2.70	2.13	1.21	0.75	0.42	0.29	0.24	0.21	0.11	0.06
5.25V	4.08	2.58	2.06	1.18	0.74	0.42	0.29	0.24	0.21	0.11	0.06
5.40V	3.85	2.44	1.95	1.14	0.72	0.41	0.28	0.23	0.20	0.11	0.06

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

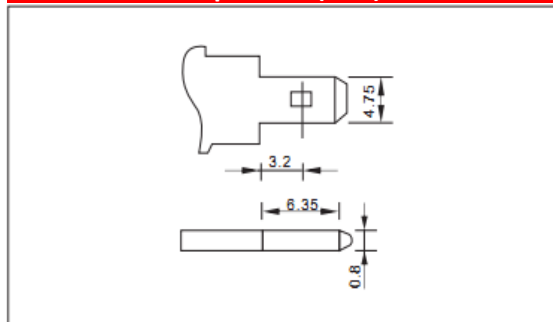
Ufinal / timp	5min	10min	15min	30min	60min	2h	3h	4h	5h	10h	20h
4.80V	25.6	16.4	12.9	7.32	4.55	2.52	1.77	1.47	1.25	0.68	0.37
4.95V	24.8	15.9	12.6	7.18	4.48	2.50	1.76	1.46	1.24	0.68	0.36
5.10V	23.8	15.2	12.2	6.96	4.37	2.48	1.74	1.45	1.23	0.68	0.36
5.25V	22.8	14.6	11.7	6.79	4.28	2.44	1.73	1.44	1.23	0.67	0.36
5.40V	21.5	13.8	11.1	6.54	4.15	2.38	1.68	1.39	1.19	0.66	0.35

Valorile se pot modifica fără înștiințare prealabilă.

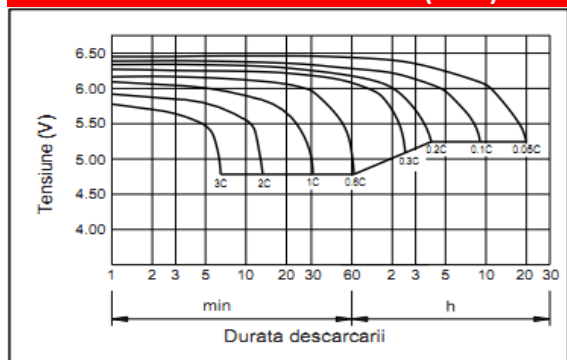
### Dimensiuni exterioare (mm)



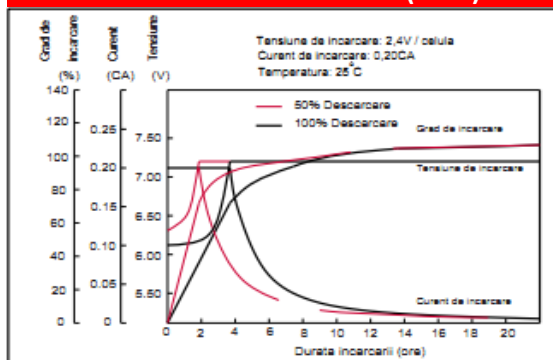
### Tip Borna (mm)



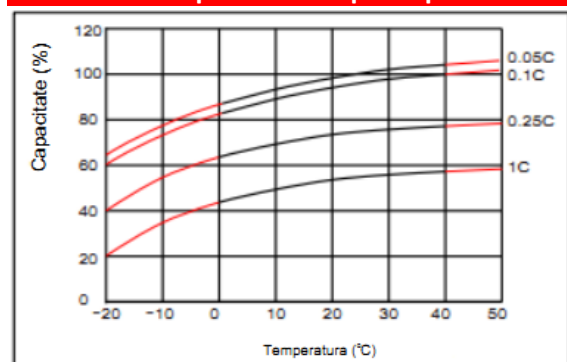
### Caracteristici de descarcare (25°C)



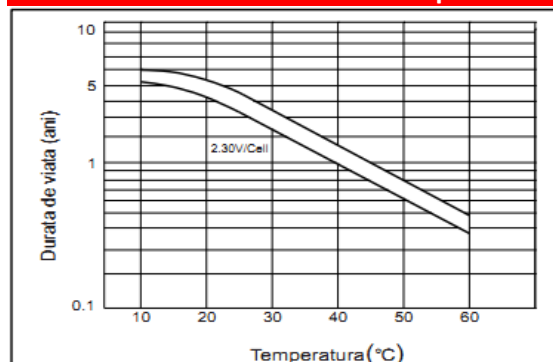
### Caracteristici de incarcare (25°C)



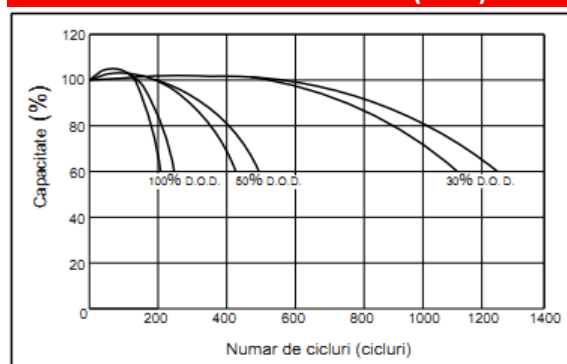
### Efectul temperaturii asupra capacitatii



### Durata de viata in functie de temperatura



### Numar de cicluri vs D.O.D (25°C)



### Relatia tensiune la borne / capacitate (25°C)

