

## Specificatii

Tensiune nominala	12V		
Capacitate nominala (20h)	7,5Ah		
Dimensiuni	Lungime	151 ± 1,5mm	
	Latime	65 ± 1mm	
	Inaltime carcasa	94 ± 1mm	
	Inaltime totala (cu borne)	100 ± 1mm	
Greutate	Approx 2,2kg		
Tip Borna	T1 / T2		
Material carcasa	ABS		
Capacitate	7,6Ah / 0,38A	20Hr, 1,75V/cell, 25°C	
	7,0AhAh / 0,70A	10Hr, 1,75V/cell, 25°C	
	6,4Ah / 1,28A	5Hr, 1,75V/cell, 25°C	
	5,46Ah / 1,82A	3Hr, 1,75V/cell, 25°C	
Curent maxim de descarcare	4,91Ah / 4,91A	1Hr, 1,60V/cell, 25°C	
	112,5A (5s)		
Rezistenta interna	Approx 21mΩ		
Interval temp. de utilizare	Descarcare: -15 ÷ 50°C		
	Incarcare: -10 ÷ 50°C		
Temp. nominala de utilizare	Depozitare: -20 ÷ 50°C		
	25 ± 3°C		
Utilizare ciclica	Curent initial de incarcare: <2,25A. Tensiunea de incarcare:		
	14,5V ÷ 15,0V la 25°C. Coef. de corectie cu temperatura: -30mV /		
Utilizare tampon (stand-by)	Curent initial de incarcare: <2,25A. 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%
Autodescarcare la 25°C	3 luni	Capacitate remanenta: 91%	
	6 luni	Capacitate remanenta: 82%	
	12 luni	Capacitate remanenta: 65%	

## Gama FS / FS12-7,5



## 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

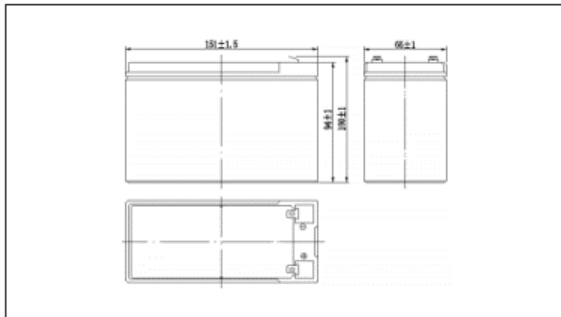
## Descarcare cu curent constant (Amperi) la 25°C

Ufinal/timp	5min	10min	15min	30min	60min	2h	3h	4h	5h	10h	20h
9.60V	28.7	18.2	14.2	7.99	4.91	2.69	1.86	1.54	1.31	0.71	0.38
9.90V	27.8	17.6	13.8	7.83	4.84	2.67	1.85	1.53	1.30	0.71	0.38
10.2V	26.6	16.9	13.3	7.59	4.72	2.65	1.84	1.52	1.29	0.70	0.38
10.5V	25.5	16.2	12.9	7.40	4.62	2.61	1.82	1.51	1.28	0.70	0.38
10.8V	24.1	15.2	12.2	7.13	4.48	2.54	1.77	1.46	1.24	0.69	0.37

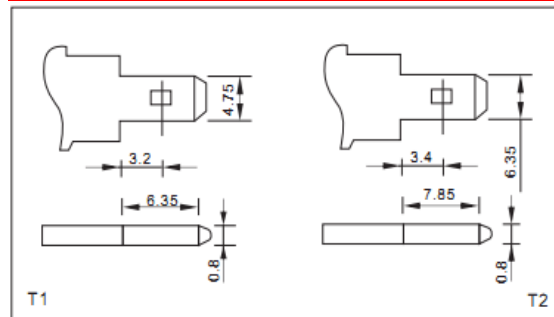
## Descarcare cu putere constanta (Watts/bloc) la 25°C

Ufinal/timp	5min	10min	15min	30min	60min	2h	3h	4h	5h	10h	20h
9.60V	320	205	162	91.5	56.9	31.4	22.1	18.3	15.6	8.52	4.57
9.90V	310	199	158	89.7	56.0	31.3	22.0	18.2	15.5	8.49	4.55
10.2V	297	190	152	87.0	54.6	31.0	21.8	18.1	15.4	8.45	4.53
10.5V	285	182	147	84.9	53.5	30.5	21.7	18.0	15.3	8.40	4.50
10.8V	269	172	139	81.7	51.9	29.7	21.0	17.4	14.9	8.23	4.41

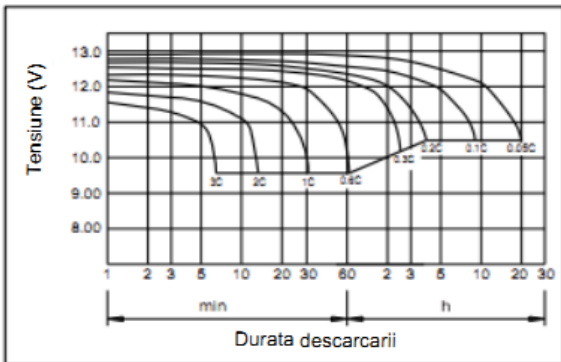
### Dimensiuni exterioare (mm)



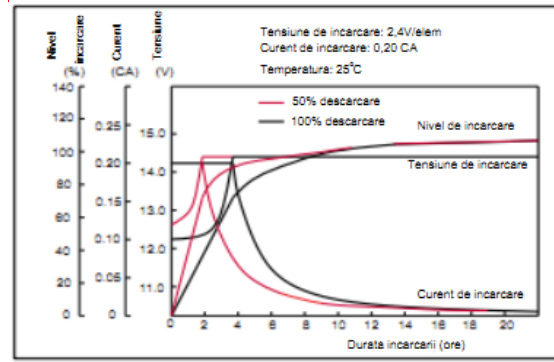
### Tip Borna (mm)



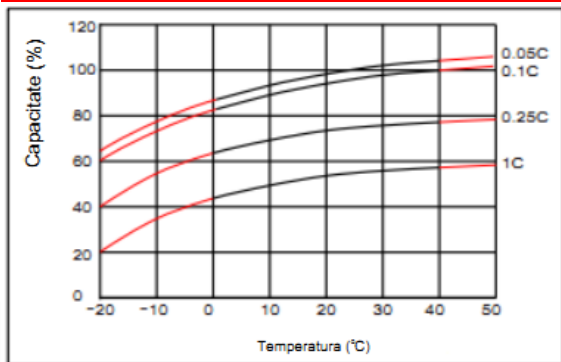
### Caracteristici de descarcare (25°C)



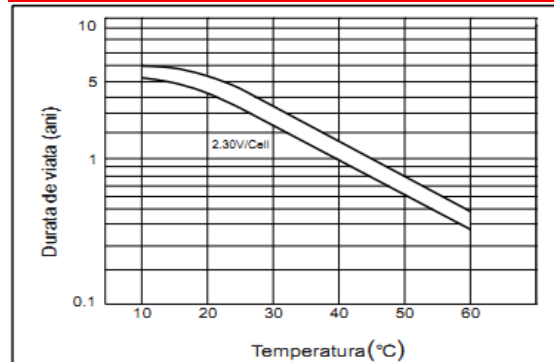
### Caracteristici de incarcare (25°C)



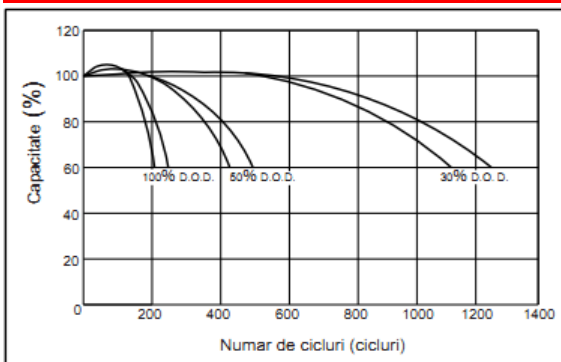
### Efectul temperaturii asupra capacitatii



### Durata de viata in functie de temperatura



### Numar de cicluri vs D.O.D (25°C)



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

