

Specificatii

Tensiune nominala	4V		
Capacitate nominala (20h)	4,5Ah		
Dimensiuni	Lungime	47 ± 1mm	
	Latime	47 ± 1mm	
	Inaltime carcasa	101 ± 1mm	
	Inaltime totala (cu borne)	107 ± 1mm	
Greutate	Aprox. 0,52kg		
Tip Borna	T1		
Material carcasa	ABS		
Capacitate	4,5Ah / 0,20A	20Hr, 1,75V/cell, 25°C	
	4,2Ah / 0,42A	10Hr, 1,75V/cell, 25°C	
	3,85Ah / 0,77A	5Hr, 1,75V/cell, 25°C	
	3,27Ah / 1,09A	3Hr, 1,75V/cell, 25°C	
Curent maxim de descarcare	2,77Ah / 2,95A	1Hr, 1,60V/cell, 25°C	
	68A (5s)		
Rezistenta interna	Approx 15mΩ		
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: <1,35A. Tensiunea de incarcare: 4,80V ÷ 5V la 25°C. Coef. de corectie cu temperatura: -10mV / °C		
Utilizare tampon (stand-by)	Curent initial de incarcare: <1,35A. Tensiunea de incarcare: 4.53V ÷ 4,60V at 25°C. Coef. de corectie cu temperatura: -6mV / °C		
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%	

Gama FS / FS4-4.5



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

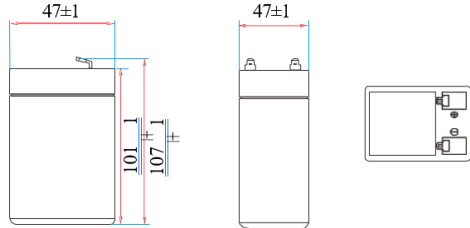
F.V/Time	5min	10min	15min	30min	60min	2h	3h	4h	5h	10h	20h
3.20V	17.2	10.9	8.51	4.79	2.95	1.61	1.12	0.92	0.78	0.43	0.23
3.30V	16.7	10.6	8.30	4.70	2.90	1.60	1.11	0.92	0.78	0.42	0.23
3.40V	16.0	10.1	7.99	4.55	2.83	1.59	1.10	0.91	0.77	0.42	0.23
3.50V	15.3	9.69	7.72	4.44	2.77	1.56	1.09	0.90	0.77	0.42	0.23
3.60V	14.4	9.15	7.31	4.28	2.69	1.52	1.06	0.88	0.75	0.41	0.22

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

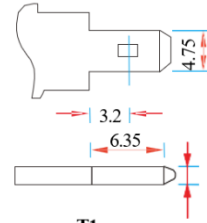
F.V/Time	5min	10min	15min	30min	60min	2h	3h	4h	5h	10h	20h
3.20V	63.9	40.9	32.3	18.3	11.4	6.29	4.42	3.66	3.12	1.70	0.91
3.30V	62.0	39.7	31.5	17.9	11.2	6.25	4.39	3.64	3.11	1.70	0.91
3.40V	59.5	38.1	30.4	17.4	10.9	6.20	4.36	3.62	3.08	1.69	0.91
3.50V	56.9	36.4	29.3	17.0	10.7	6.10	4.33	3.59	3.06	1.68	0.90
3.60V	53.7	34.4	27.8	16.3	10.4	5.95	4.20	3.48	2.97	1.65	0.88

Valorile se pot modifica fără înștiințare prealabilă.

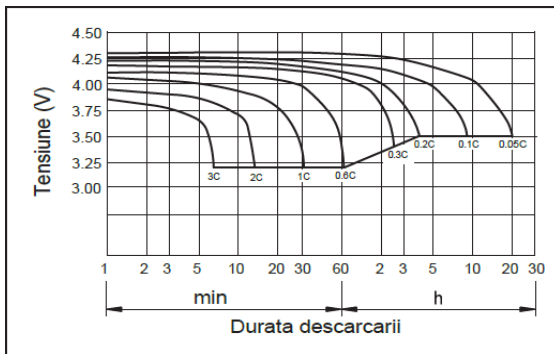
Dimensiuni exterioare (mm)



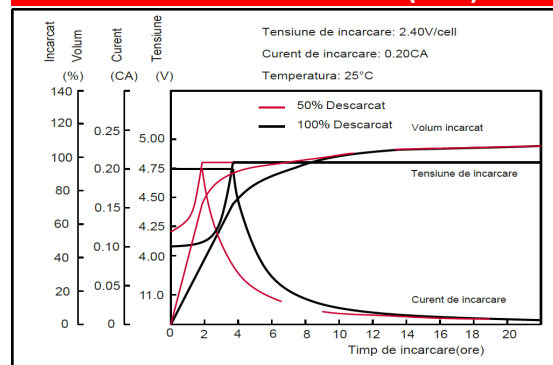
Tip Borna (mm)



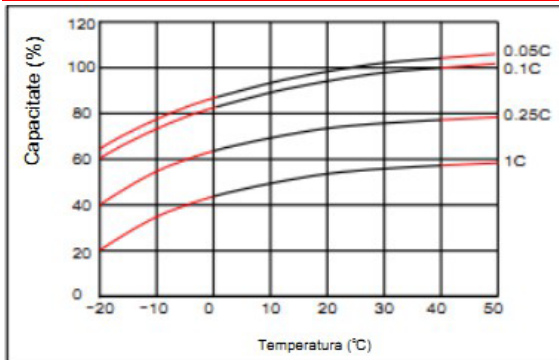
Caracteristici de descarcare (25°C)



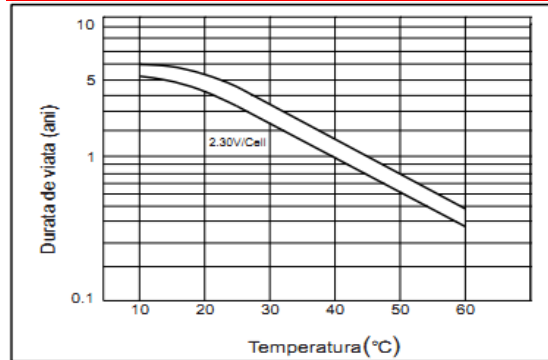
Caracteristici de incarcare (25°C)



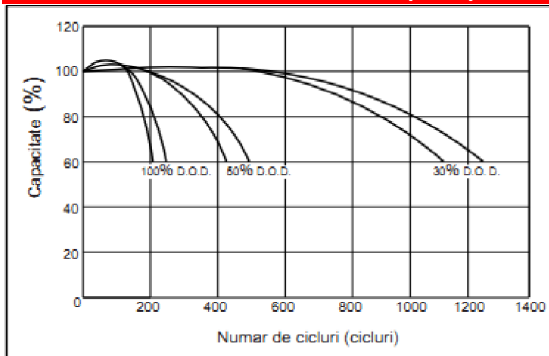
Efectul temperaturii asupra capacitatii



Durata de viata in functie de temperatura



Numar de cicluri vs D.O.D (25°C)



Relatia tensiune la borne / capacitate (25°C)

