

Specificatii

Tensiune nominala	12V	
Capacitate nominala (10h)	180Ah	
Dimensiuni	Lungime	530 ± 2mm
	Latime	207 ± 2mm
	Inaltime carcasa	214 ± 2mm
	Inaltime totala (cu borne)	218 ± 2mm
Greutate	Approx 53,5kg	
Tip Borna	FM8	
Material carcasa	ABS	

Gama FS / FS12-180



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: 10-12 ani

Eurobat: High Performance

Bateriile din gama FOTON FS pot fi stocate

pina la 6 luni la 25°C dupa care este

recomandata o incarcare de improspatare

	180,0Ah / 18,0A	10Hr, 1,80V/cell, 25°C
Capacitate	158,5Ah / 31,7A	5Hr, 1,75V/cell, 25°C
	139,2Ah / 46,4A	3Hr, 1,75V/cell, 25°C
	111,0Ah / 111,0A	1Hr, 1,60V/cell, 25°C
Curent maxim de descarcare	1300A (5s)	
Rezistenta interna	Approx 3,20mΩ	
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: <54A. 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: <54A. 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%

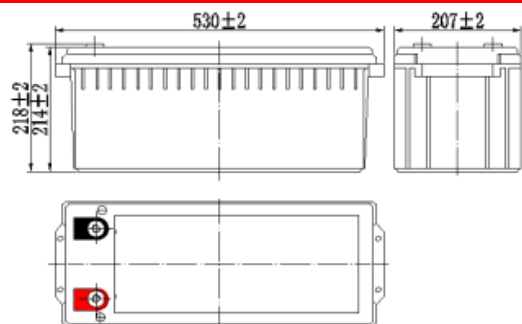
Descarcare cu curent constant (Amperi) la 25°C

Ufinal/timp	15min	30min	60min	2h	3h	4h	5h	6h	8h	10h	20h
9.60V	302	181	111	65.8	47.4	37.8	32.3	28.1	22.2	18.3	9.71
9.90V	295	177	110	65.4	47.1	37.6	32.1	27.9	22.1	18.3	9.69
10.2V	284	172	107	64.8	46.8	37.3	31.9	27.7	21.9	18.2	9.66
10.5V	275	168	103	63.8	46.4	37.1	31.7	27.5	21.8	18.1	9.61
10.8V	260	162	100	62.2	45.0	36.0	30.7	26.7	21.1	18.0	9.54

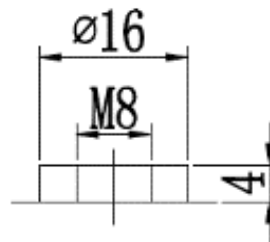
Descarcare cu putere constanta (Watts/cell) la 25°C

Ufinal/timp	15min	30min	60min	2h	3h	4h	5h	6h	8h	10h	20h
9.60V	3320	2030	1268	762	557	445	382	332	264	219	117
9.90V	3241	1989	1249	757	554	442	380	330	262	218	116
10.2V	3121	1928	1217	750	550	439	377	328	261	218	116
10.5V	3015	1882	1179	739	546	436	374	326	259	216	115
10.8V	2856	1813	1141	720	530	423	363	316	251	215	114

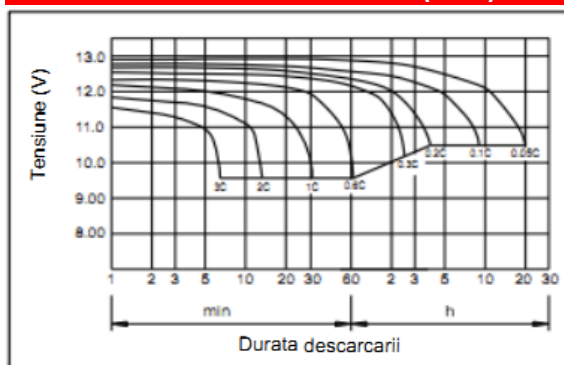
Dimensiuni exterioare (mm)



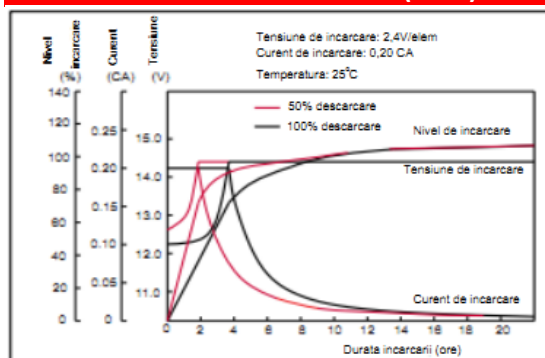
Tip Borna (mm)



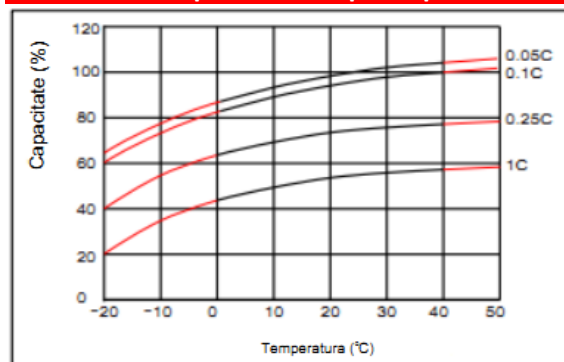
Caracteristici de descarcare (25°C)



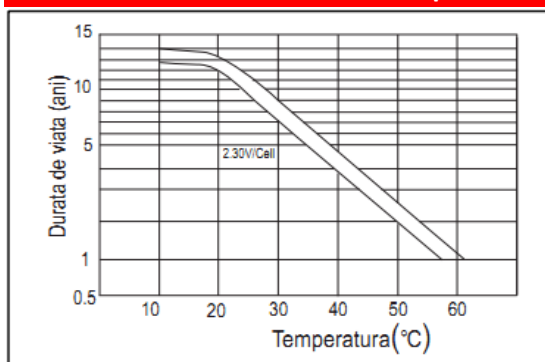
Caracteristici de incarcare (25°C)



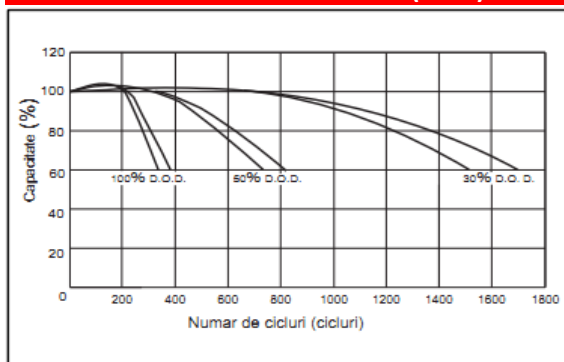
Efectul temperaturii asupra capacitatii



Durata de viata in functie de temperatura



Numar de cicluri vs D.O.D (25°C)



Relatia tensiune la borne / capacitate (25°C)

