

Specificatii

Tensiune nominala	12V	
Capacitate nominala (10h)	100Ah	
Dimensiuni	Lungime	330 ± 2mm
	Latime	171 ± 2mm
	Inaltime carcasa	214 ± 2mm
	Inaltime totala (cu borne)	220 ± 2mm
Greutate	Approx 29,5kg	
Tip Borna	FM8 - T16	
Material carcasa	ABS	
Capacitate	106,0Ah / 5,30A	20Hr, 1,80V/cell, 25°C
	100,0Ah / 10,0A	10Hr, 1,80V/cell, 25°C
	88,0Ah / 17,6A	5Hr, 1,75V/cell, 25°C
	77,4Ah / 25,8A	3Hr, 1,75V/cell, 25°C
	61,8Ah / 61,8A	1Hr, 1,60V/cell, 25°C
Curent maxim de descarcare	800A (5s)	
Rezistenta interna	Approx 4,5mΩ	
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: <30A. Tensiunea de incarcare: 14,5V ÷ 15,0V la 25°C. Coef. de corectie cu temperatura: -30mV / °C	
	Curent initial de incarcare: <30A. 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%
Autodescarcare la 25°C	3 luni	Capacitate remanenta: 91%
	6 luni	Capacitate remanenta: 82%
	12 luni	Capacitate remanenta: 65%

Gama FS / FS12-100



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

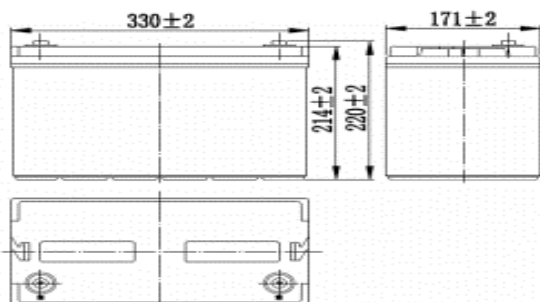
Descarcare cu curent constant (Amperi) la 25°C

Ufinal/Timp	10min	15min	30min	60min	2h	3h	4h	5h	8h	10h	20h
9.60V	218	168	101	61.8	36.5	26.3	21.0	18.0	12.3	10.2	5.40
9.90V	211	164	98.5	60.9	36.3	26.2	20.9	17.8	12.3	10.2	5.38
10.2V	203	158	95.5	59.3	36.0	26.0	20.7	17.7	12.2	10.1	5.37
10.5V	194	153	93.2	57.5	35.5	25.8	20.6	17.6	12.1	10.1	5.34
10.8V	183	144	89.7	55.6	34.6	25.0	20.0	17.1	11.7	10.0	5.30

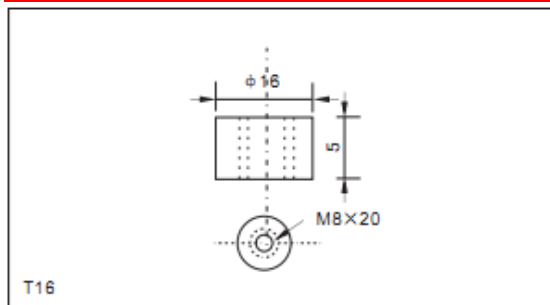
Descarcare cu putere constanta (Watts/bloc) la 25°C

Ufinal/Timp	10min	15min	30min	60min	2h	3h	4h	5h	8h	10h	20h
9.60V	2354	1845	1128	705	423	309	247	212	147	122	64.7
9.90V	2284	1800	1105	694	421	308	246	211	146	121	64.6
10.2V	2190	1734	1071	676	417	306	244	209	145	121	64.4
10.5V	2095	1675	1045	655	411	303	242	208	144	120	64.0
10.8V	1978	1586	1007	634	400	294	235	202	139	119	63.6

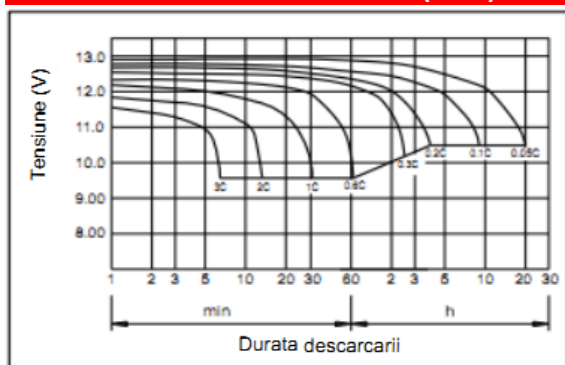
Dimensiuni exterioare (mm)



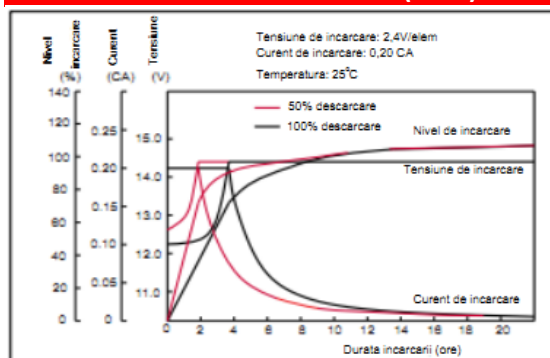
Tip Borna (mm)



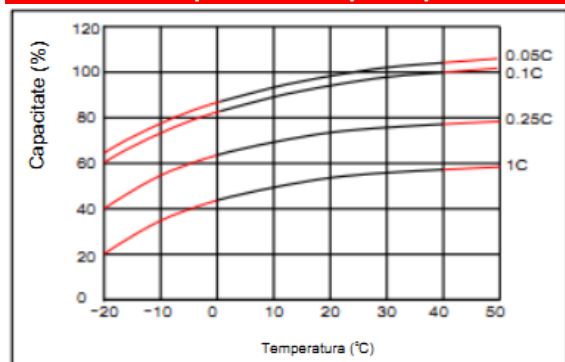
Caracteristici de descarcare (25°C)



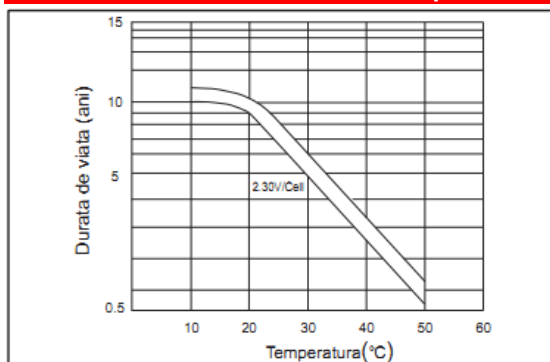
Caracteristici de incarcare (25°C)



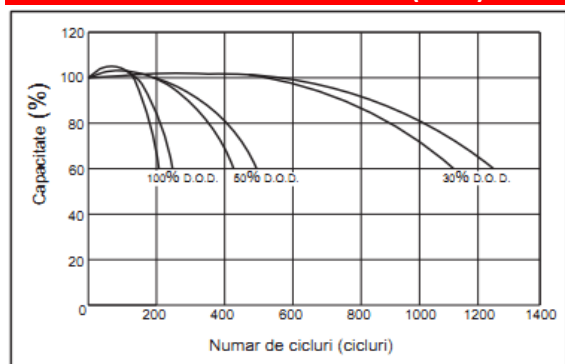
Efectul temperaturii asupra capacitatii



Durata de viata in functie de temperatura



Numar de cicluri vs D.O.D (25°C)



Relatia tensiune la borne / capacitate (25°C)

