Specificatii

Tensiune nominala	12V	
Capacitate nominala (10h)	250Ah	
Dimensiuni	Lungime	521 ± 2mm
	Latime	269 ± 2mm
	Inaltime carcasa	220 ± 2mm
	Inaltime totala (cu borne)	224 ± 2mm
Greutate	Approx 75,5kg	
Tip Borna	FM8	
Material carcasa	ABS	
Capacitate	250,0Ah / 25,0A	10Hr, 1,80V/cell, 25°C
	212,5Ah / 42,5A	5Hr, 1,75V/cell, 25°C
	191,4Ah / 63,8A	3Hr, 1,75V/cell, 25°C
	150,0Ah / 150,0A	1Hr, 1,60V/cell, 25°C
Curent maxim de descarcare	1500A (5s)	
Rezistenta interna	Approx 2,80mΩ	
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: <50A. 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: <50A. 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 FDG12-250



Utilizari si caracteristici

Tehnologie: GEL

Surse neintreruptibile de tesniune (UPS)
Sisteme electrice de alimentare (EPS)
Instalatii solare si eoliene
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 FSUN pot fi stocate pana la 6 luni la 25°C dupa care este recomandata o incarcare de improspatare

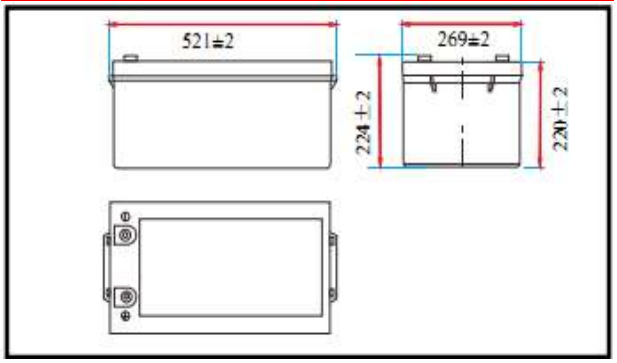
Descarcare cu curent constant (Amperi) la 25°C

Ufinal	15 min	30 min	60 min	2h	3h	4h	5h	6h	8h	10h	20h
9.60V	400	243	150	91.4	65.0	51.0	43.4	38.3	30.6	25.5	13.5
9.90V	390	238	148	90.8	64.6	50.7	43.1	38.0	30.4	25.4	13.5
10.2V	376	230	144	90.0	64.2	50.4	42.8	37.8	30.2	25.3	13.4
10.5V	363	225	140	88.7	63.8	50.0	42.5	37.5	30.0	25.2	13.3
10.8V	344	217	135	86.4	62.5	48.5	41.2	36.4	29.1	25.0	13.3

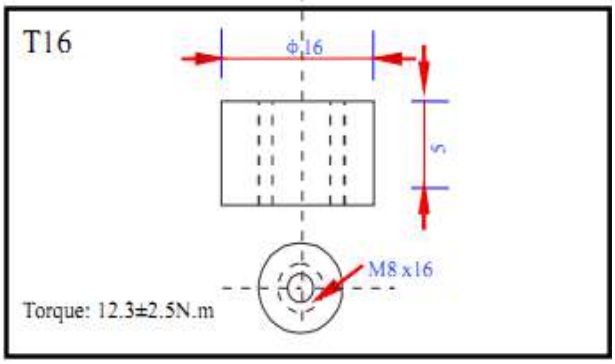
Descarcare cu putere constanta (Watts/bloc) la 25°C

Ufinal	15 min	30 min	60 min	2h	3h	4h	5h	6h	8h	10h	20h
9.60V	4392	2721	1710	1058	765	600	512	452	364	304	162
9.90V	4287	2666	1684	1052	760	596	509	449	361	303	162
10.2V	4128	2585	1642	1042	755	592	506	446	359	302	161
10.5V	3988	2522	1590	1027	750	588	502	443	356	301	160
10.8V	3777	2430	1539	1001	735	570	487	430	346	299	159

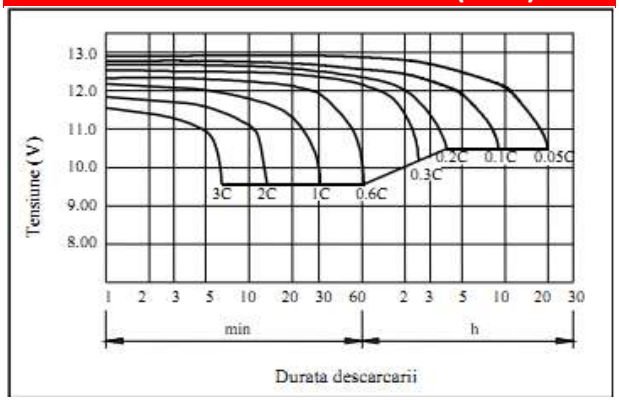
Dimensiuni exterioare (mm)



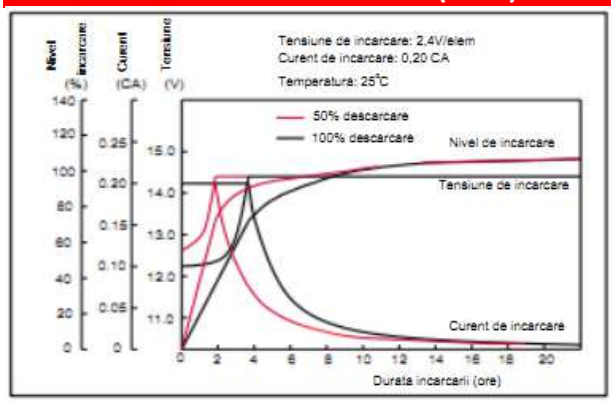
Tip Borna (mm)



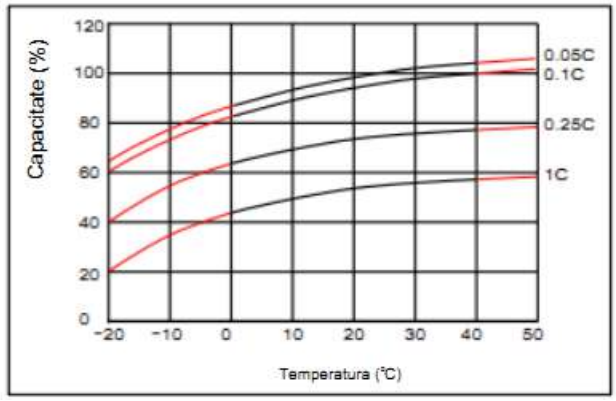
Caracteristici de descarcare (25°C)



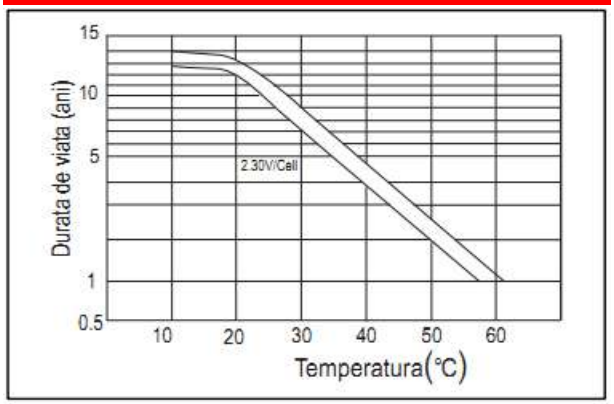
Caracteristici de incacare (25°C)



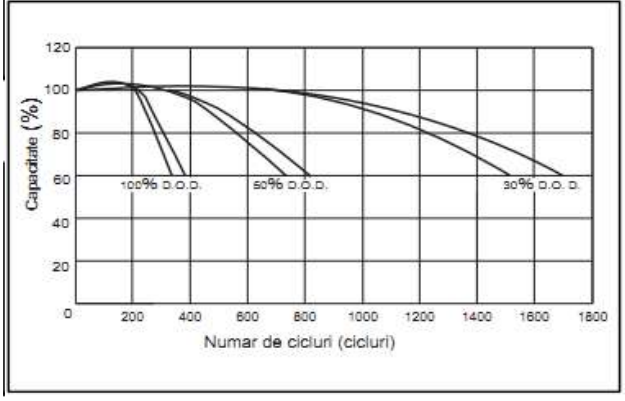
Efectul temperaturii asupra capacitatii



Durata de viata in functie de temperatura



Numar de cicluri vs D.O.D (25°C)



Relatia tensiune la borne / capacitate (25°C)

