

Specificatii

Tensiune nominala	12V	
Capacitate nominala (10h)	120Ah	
Dimensiuni	Lungime	409 ± 2mm
	Latime	176 ± 2mm
	Inaltime carcasa	225 ± 2mm
	Inaltime totala (cu borne)	225 ± 2mm
Greutate	Approx 36kg	
Tip Borna	T16	
Material carcasa	ABS	
Capacitate	130.4Ah / 6,35A	20Hr, 1,80V/cell, 25°C
	120,0Ah / 12,0A	10Hr, 1,80V/cell, 25°C
	108Ah / 21,6A	5Hr, 1,75V/cell, 25°C
	95,1Ah / 31,7A	3Hr, 1,75V/cell, 25°C
	70,7Ah / 70,7A	1Hr, 1,60V/cell, 25°C
Curent maxim de descarcare	950A	
Rezistenta interna	Approx 4,0mΩ	
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: <36A. 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: <36A. 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 FD / FD12-120



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 FD pot fi stocate pana la 6 luni la 25°C dupa care este recomandata o incarcare de improspatare

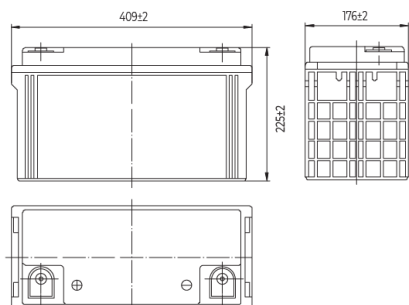
Descarcare cu curent constant (Amperi) la 25°C

F.V/Timp	10min	15min	30min	60min	2hr	3hr	4hr	5hr	8hr	10hr	20hr
9.60V	268	207	124	76.0	44.9	32.4	25.8	22.1	15.2	12.5	6.64
9.90V	260	202	121	74.9	44.7	32.2	25.7	22.0	15.1	12.5	6.62
10.2V	249	194	117	73.0	44.3	32.0	25.5	21.8	15.0	12.5	6.60
10.5V	239	188	115	70.7	43.6	31.7	25.3	21.6	14.9	12.4	6.56
10.8V	225	178	110	68.4	42.5	30.8	24.6	21.0	14.4	12.3	6.52

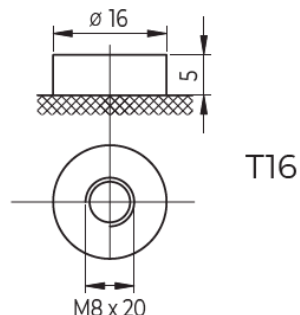
Descarcare cu putere constanta (Watts/bloc) la 25°C

F.V/Timp	10min	15min	30min	60min	2hr	3hr	4hr	5hr	8hr	10hr	20hr
9.60V	2896	2269	1387	867	520	381	304	261	180	150	79.6
9.90V	2809	2214	1359	854	517	378	302	259	179	149	79.5
10.2V	2693	2133	1318	832	513	376	300	258	178	149	79.2
10.5V	2577	2060	1286	806	505	373	298	256	177	148	78.8
10.8V	2433	1951	1239	780	492	362	289	248	172	147	78.2

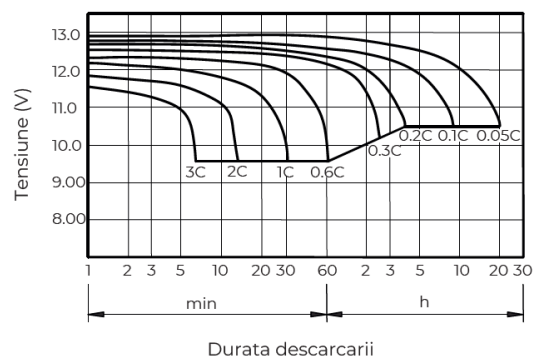
Dimensiuni exterioare (mm)



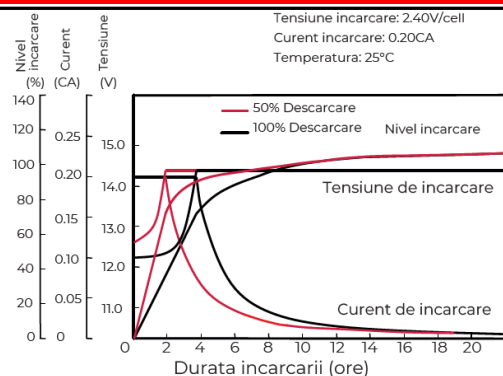
Tip Borna (mm)



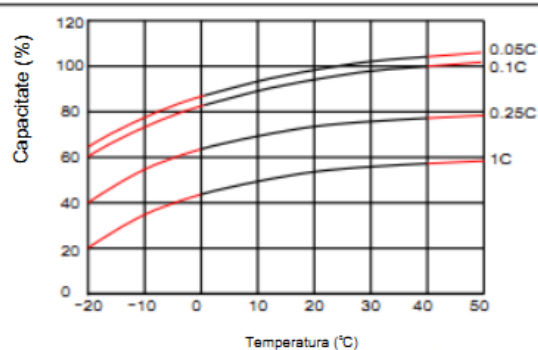
Caracteristici de descarcare (25°C)



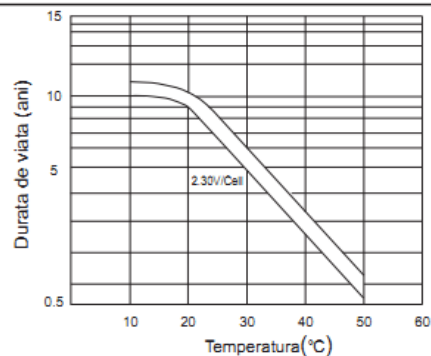
Caracteristici de incarcare (25°C)



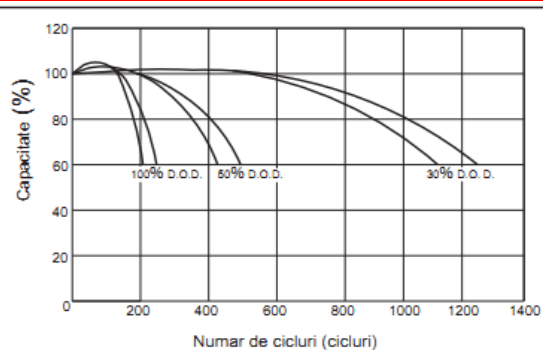
Efectul temperaturii asupra capacitatii



Durata de viata in functie de temperatura



Numar de cicluri vs D.O.D (25°C)



Relatia tensiune la borne / capacitate (25°C)

