

Specificatii

Tensiune nominala	12V	
Capacitate nominala (10h)	65Ah	
Dimensiuni	Lungime	350 ± 2mm
	Latime	166 ± 2mm
	Inaltime carcasa	179 ± 2mm
	Inaltime totala (cu borne)	179 ± 2mm
Greutate	Approx 20.4kg	
Tip Borna	T14	
Material carcasa	ABS	
Capacitate	69.0Ah / 3.45A	20Hr, 1,80V/cell, 25°C
	65.0Ah / 6.50A	10Hr, 1,80V/cell, 25°C
	55.5Ah / 11.1A	5Hr, 1,80V/cell, 25°C
	48.9Ah / 16.3A	3Hr, 1,80V/cell, 25°C
Curent maxim de descarcare	37.4Ah / 37.4A	
	1Hr, 1,75V/cell, 25°C	
Curent maxim de descarcare	650A (5s)	
Rezistenta interna	Approx 6.5mΩ	
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: <19.5A. Tensiunea de incarcare:	
	14,50V ÷ 15,00V la 25°C. Coef. de corectie cu temp.: -30mV / °C	
Utilizare tampon (stand-by)	Curent initial de incarcare: <19.5A. Tensiunea de incarcare:	
	13,50V ÷ 13,80V la 25°C. Coef. de corectie cu temp.: -18mV / °C	
Influenta temperaturii asupra capacitatii	40°C	102%
	25°C	100%
Autodescarcare la 25°C	0°C	85%
	-15°C	65%
	3 luni	Capacitate remanenta: 91%
	6 luni	Capacitate remanenta: 82%
	12 luni	Capacitate remanenta: 65%

Gama FS / FS12-65



Utilizari si caracteristici

Tehnologie: VRLA - AGM

- Surse neintreruptibile 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 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

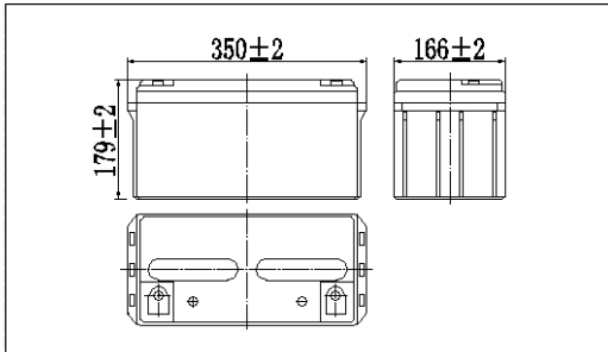
Descarcare cu curent constant (Amperi) la 25°C

U_final/ Timp	10min	15min	30min	60min	2h	3h	4h	5h	8h	10h	20h
9.60V	142	109	65.3	40.2	23.8	17.1	13.7	11.7	8.02	6.62	3.51
9.90V	137	107	64.0	39.6	23.6	17.0	13.6	11.6	7.98	6.60	3.50
10.2V	132	103	62.1	38.6	23.4	16.9	13.5	11.5	7.92	6.58	3.49
10.5V	126	99.2	60.6	37.4	23.0	16.8	13.4	11.4	7.87	6.55	3.47
10.8V	119	93.9	58.3	36.2	22.5	16.3	13.0	11.1	7.63	6.50	3.45

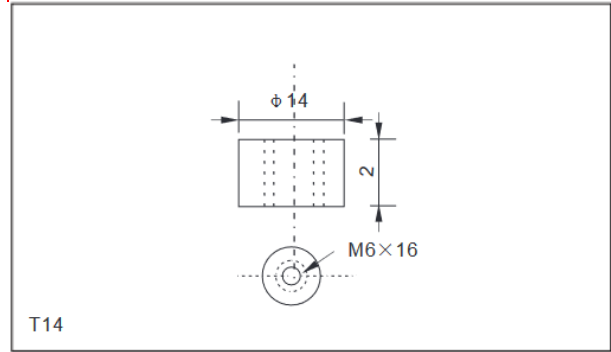
Descarcare cu putere constanta (Watts/bloc) la 25°C

U_final/ Timp	10min	15min	30min	60min	2h	3h	4h	5h	8h	10h	20h
9.60V	1530	1199	733	458	275	201	161	138	95.3	79.0	42.1
9.90V	1484	1170	718	451	273	200	160	137	94.7	78.9	42.0
10.2V	1423	1127	696	440	271	199	159	136	94.1	78.6	41.9
10.5V	1362	1089	679	426	267	197	157	135	93.4	78.2	41.6
10.8V	1286	1031	655	412	260	191	153	131	90.6	77.6	41.3

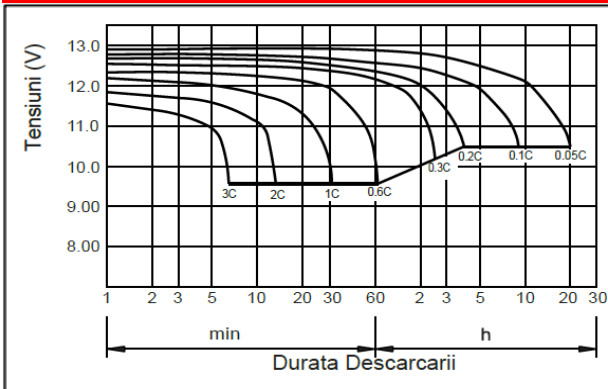
Dimensiuni exterioare (mm)



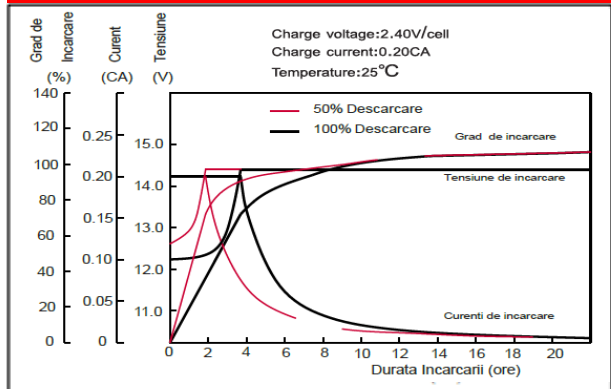
Tip Borna (mm)



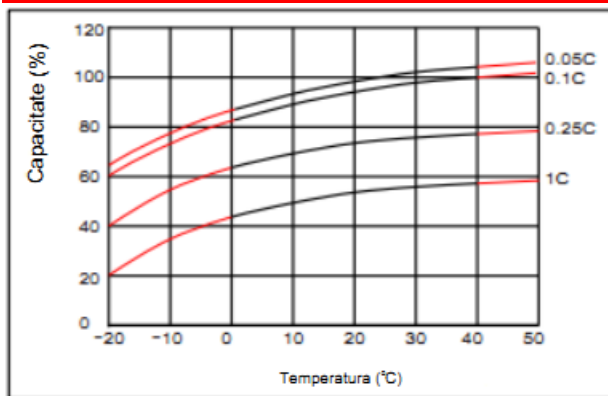
Caracteristici de descarcare (25°C)



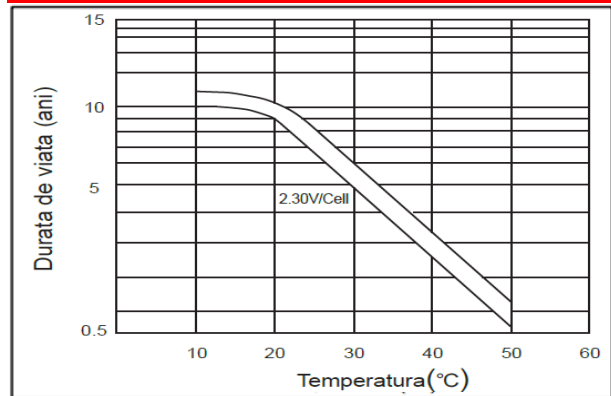
Caracteristici de incarcare (25°C)



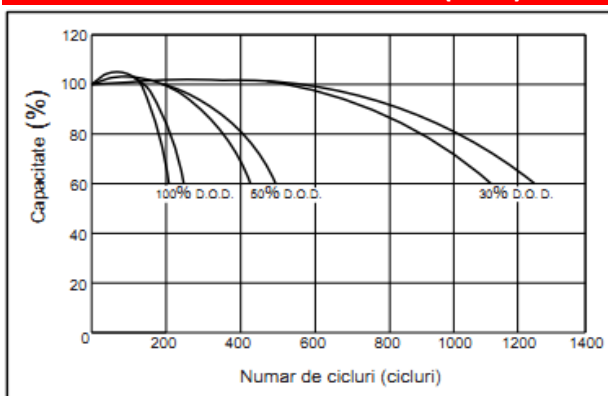
Efectul temperaturii asupra capacitatii



Durata de viata in functie de temperatura



Numar de cicluri vs D.O.D (25°C)



Relatia tensiune la borne / capacitate (25°C)

