

Specificatii

Tensiune nominala	12V	
Capacitate nominala (10h)	150Ah	
Dimensiuni	Lungime	551 ± 2mm
	Latime	110 ± 2mm
	Inaltime carcasa	287 ± 2mm
	Inaltime totala (cu borne)	287 ± 2mm
Greutate	Approx 48,0kg	
Tip Borna	FM8 - T16	
Material carcasa	ABS	
Capacitate	159,0Ah / 7,95A	20Hr, 1,80V/cell, 25°C
	150,0Ah / 15,0A	10Hr, 1,80V/cell, 25°C
	132,0Ah / 26,4A	5Hr, 1,75V/cell, 25°C
	116,1Ah / 38,7A	3Hr, 1,75V/cell, 25°C
	90,8Ah / 90,8A	1Hr, 1,60V/cell, 25°C
Curent maxim de descarcare	1050A (5s)	
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: <45A. 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: <45A. 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 FT / FT12-150



Utilizari si caracteristici

Tehnologie: VRLA

Surse neinteruptibile de tensiune (UPS)
Sisteme electrice de alimentare (EPS)
Sisteme de semnalizare aeriene si feroviare
Telecomunicatii
Centrale electrice
Sisteme de alarma si securitate
Surse de alimentare cu C.C.
EN 60896-21,-22
Durata de viata proiectata: 12 ani
Eurobat: Long life
Bateriile din gama FOTON FT pot fi stocate pina la 6 luni la 25°C dupa care este recomandata o incarcare de improspatare

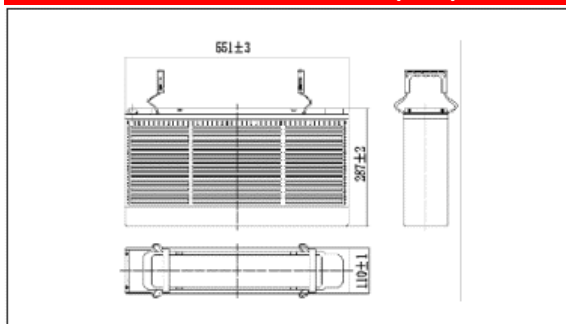
Descarcare cu curent constant (Amperi) la 25°C

Ufinal / timp	15min	30min	60min	2h	3h	4h	5h	6h	8h	10h	20h
9.60V	247	148	90.8	54.8	39.5	31.5	26.9	23.4	18.5	15.3	8.09
9.90V	241	145	89.5	54.5	39.2	31.3	26.8	23.3	18.4	15.2	8.08
10.2V	232	140	87.2	54.0	39.0	31.1	26.6	23.1	18.3	15.2	8.05
10.5V	224	137	84.5	53.2	38.7	30.9	26.4	23.0	18.2	15.1	8.01
10.8V	212	132	81.8	51.8	37.5	30.0	25.6	22.3	17.6	15.0	7.95

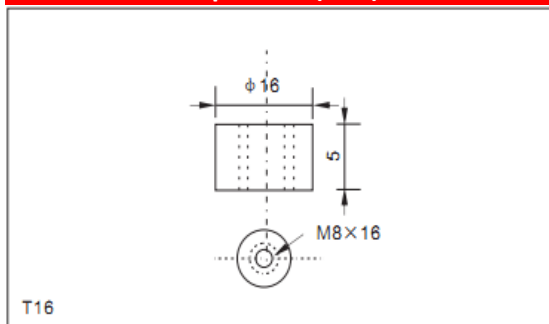
Descarcare cu putere constanta (Watts/celula) la 25°C

Ufinal / timp	15min	30min	60min	2h	3h	4h	5h	6h	8h	10h	20h
9.60V	2712	1658	1036	635	464	371	318	277	220	182	97.1
9.90V	2647	1624	1020	631	461	368	316	275	219	182	96.9
10.2V	2549	1575	994	625	458	366	314	273	217	181	96.6
10.5V	2462	1537	963	616	455	363	312	271	216	180	96.1
10.8V	2332	1480	932	600	441	352	303	263	209	179	95.4

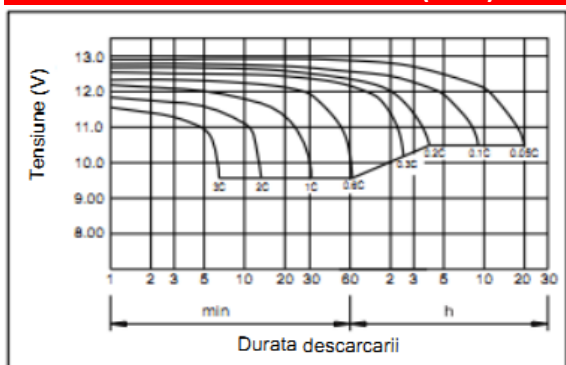
Dimensiuni exterioare (mm)



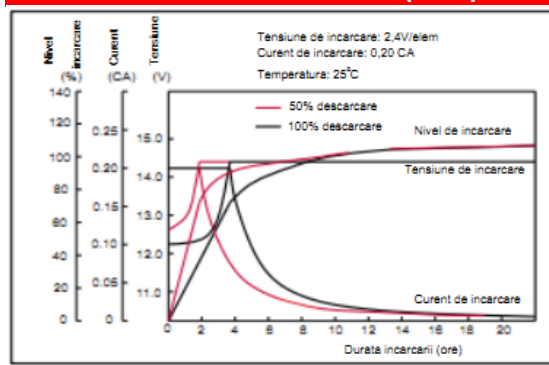
Tip Borna (mm)



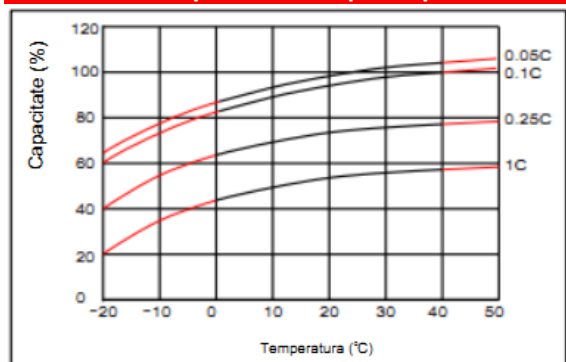
Caracteristici de descarcare (25°C)



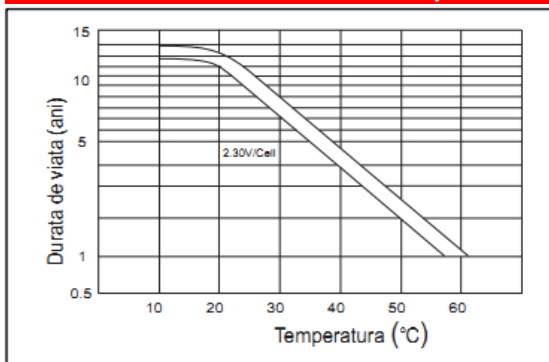
Caracteristici de incarcare (25°C)



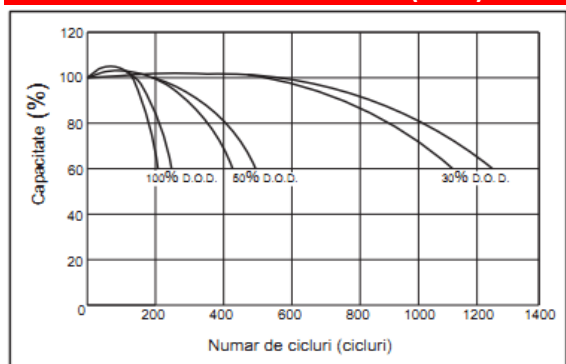
Efectul temperaturii asupra capacitatii



Durata de viata in functie de temperatura



Numar de cicluri vs D.O.D (25°C)



Relatia tensiune la borne / capacitate (25°C)

