

Gama FS / FS12-28



Specificatii

Tensiune nominala	12V	
Capacitate nominala (20 ore)	28Ah	
Dimensiuni	Lungime	166 ± 2mm
	Latime	175 ± 2mm
	Inaltime carcasa	125 ± 2mm
	Inaltime totala (cu borne)	125 ± 2mm
Greutate	Approx 8,8kg	
Borne	T12	
Material carcasa	ABS	
Capacitate	28,0Ah / 1,40A	20Hr, 1,80V/celula, 25oC
	23,95Ah / 4,79A	5Hr, 1,75V/celula, 25oC
	20,40Ah / 6,80A	3Hr, 1,75V/celula, 25oC
	18,00Ah / 18,00A	1Hr, 1,60V/celula, 25oC
Curent maxim de descarcare	96W / celula	15 min, 1,65V/celula, 25°C
	360A (5s)	
Rezistenta interna	Approx 10mΩ	
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: <8,4A. Tensiunea de incarcare: 14,5V ÷ 15,0V la 25°C. Coef. de corectie cu temperatura: -30mV / °C	
	Curent initial de incarcare: <8,4A. 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%
Autodescercare la 25°C	3 luni	Capacitate remanenta: 91%
	6 luni	Capacitate remanenta: 82%
	12 luni	Capacitate remanenta: 65%

Utilizari si caracteristici

Tehnologie: VRLA

Uninterruptible Power Supply (UPS)

Electric Power System (EPS)

Sisteme de semnalizare feroviare si aeriene

Iluminat de siguranta

Statii de alimentare electrica

Sisteme de alarma si securitate

Surse de alimentare cu C.C.

EN 60896-21,-22

Durata de viata proiectata: 5 ani

Eurobat: Standard Comercial

Bateriile din gama FOTON FH pot fi stocate pina la 6 luni la 25°C dupa care este recomandata o incarcare de improspatare

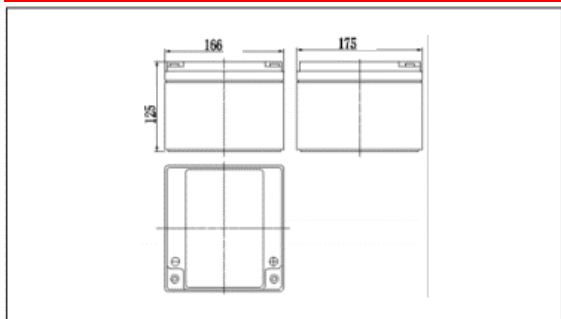
Descarcare cu curent constant (Amperi) la 25°C

Ufinal/timp	5min	10min	15min	30min	60min	2h	3h	4h	5h	10h	20h
9.60V	105	66.4	51.9	29.2	18.0	10.0	6.94	5.74	4.88	2.65	1.42
9.90V	102	64.4	51.6	28.6	17.7	9.97	6.90	5.71	4.86	2.64	1.42
10.2V	97.5	61.8	48.7	27.6	17.3	9.88	6.85	5.67	4.82	2.63	1.41
10.5V	93.3	59.1	47.1	27.1	16.9	9.74	6.80	5.63	4.79	2.61	1.40
10.8V	88.0	55.8	44.6	26.1	16.4	9.49	6.60	5.46	4.64	2.56	1.37

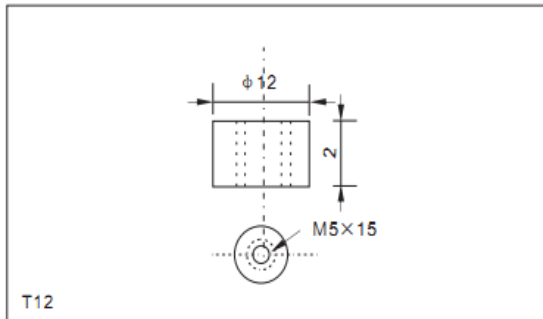
Descarcare cu putere constanta (Watts/bloc) la 25oC

Ufinal/timp	5min	10min	15min	30min	60min	2h	3h	4h	5h	10h	20h
9.60V	1170	749	591	335	208	117	82.4	68.4	58.3	31.8	17.1
9.90V	1135	727	577	328	205	117	82.0	68.0	58.0	31.7	17.0
10.2V	1088	697	556	318	200	116	81.4	67.5	57.6	31.5	16.9
10.5V	1041	667	537	310	196	114	80.8	67.0	57.2	31.3	16.8
10.8V	983	629	508	299	190	111	78.4	65.0	55.5	31.7	16.5

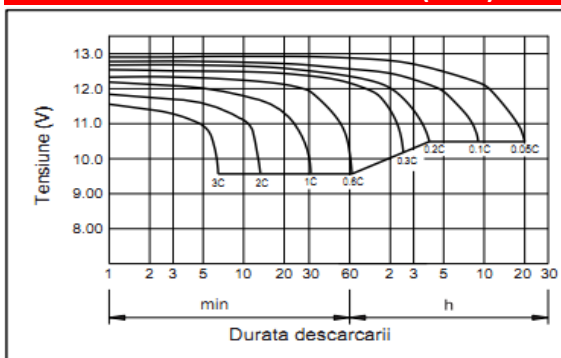
Dimensiuni exetrioare (mm)



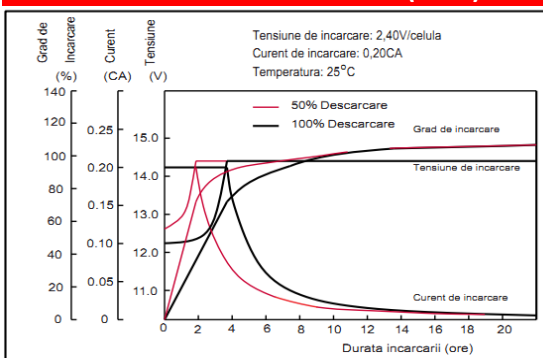
Tip borne (mm)



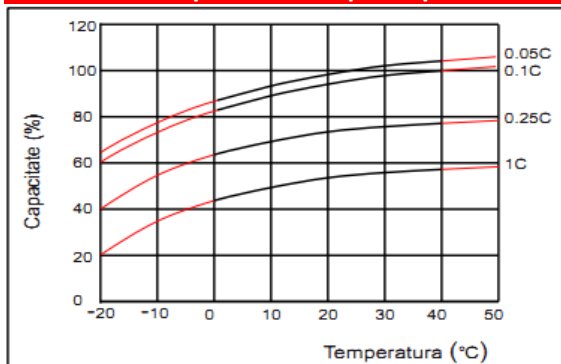
Caracteristici de descarcare (25°C)



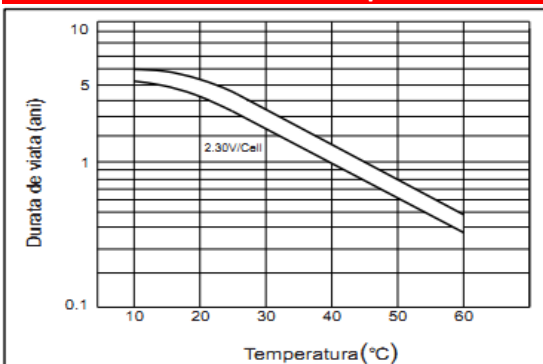
Caracteristici de incarcare (25°C)



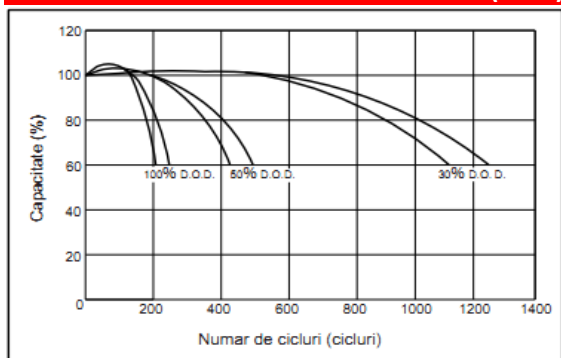
Efectul temperaturii asupra capacitatii



Durata de viata vs temperatura



Nr de cicluri vs adincime de descarcare (25°C)



Capacitate vs tensiune la borne (25°C)

