



EV12-22 (12V22.0Ah)

EV () EV 300



Технические характеристики

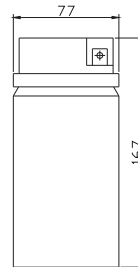
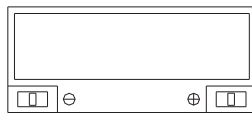
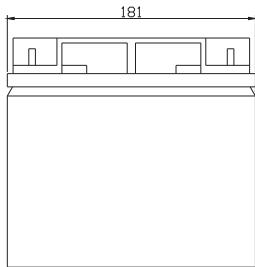
Элементы в батарее	6		
Напряжение батареи	12		
Емкость	GG€€À	20	1.75
	Fì€€	20	1.75
Масса	. ÌÈG (±3 %)		
Макс. ток разряда	220 A (5ÀÀ D		
Внутреннее сопротивление	ÈÀ14		
Диапазон рабочих температур	ΚΑÈΓ€À Ôdì€À Ô ΚΑÈÀ Ôdì€À Ô ΚΑÈΓ€€' Ôdì€À Ô		
Диапазон нормальных рабочих температур	25°C ± 5°C		
Напряжение постоянного заряда	13, Ì	13, J	25 °C
Рекомендуемый максимальный зарядный ток	6.6 A		
Эквализация и циклирование	14. Ì	14. Ì	25 C°
Саморазряд	Ritar	6	(VRLA) 25 3%
Выход	ÀF3/F13		
Материал контейнера	A.B.S. UL94-HB, UL94-V0 À È		



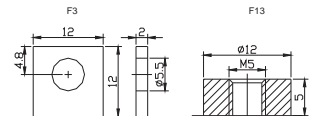
Размеры

Единица измерения: мм

: 181() × 77() × 167()



Выход F3 и ли F13



Характеристики разрядки при постоянном токе: A(25°C)

F.V/Время	5	10	15	1	30 2	3	4	5	8	10	20	
9.60	106.1	63.09	50.24	29.58	17.43	9.830	6.920	5.348	4.424	2.861	2.373	1.240
10.0	102.1	60.99	48.80	28.86	17.07	9.640	6.797	5.255	4.348	2.814	2.335	1.220
10.2	97.02	58.29	46.92	27.88	16.55	9.375	6.617	5.118	4.236	2.743	2.277	1.190
10.5	88.38	53.97	44.00	26.40	15.80	9.000	6.363	4.928	4.082	2.645	2.199	1.150
10.8	79.62	49.59	41.04	24.92	15.05	8.620	6.110	4.735	3.928	2.548	2.121	1.110
11.1	70.14	44.67	37.64	23.18	14.16	8.170	5.803	4.503	3.738	2.429	2.024	1.060

Характеристики разрядки при постоянной мощности: Вт(25°C)

F.V/Время	5	10	15	30 2	3	1	5	8	10	20		
9.60	1048	691.9	572.3	349.1	192.4	117.8	81.45	63.18	52.26	33.46	29.24	15.95
10.0	1027	691.2	561.9	341.6	191.5	117.4	81.29	62.81	51.99	33.35	28.97	15.38
10.2	993.7	670.4	550.9	339.4	190.3	116.9	80.98	62.30	51.72	33.25	28.69	15.10
10.5	909.5	642.8	522.4	332.8	187.8	116.2	80.65	61.65	51.46	33.13	28.40	14.53
10.8	812.8	601.3	493.6	326.6	184.2	115.6	80.12	61.32	51.15	33.00	27.80	13.94
11.1	715.8	559.8	465.1	316.9	179.8	114.3	79.27	59.68	50.84	32.86	27.50	13.67

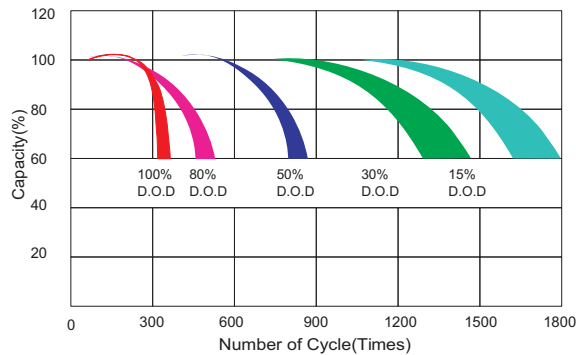
All mentioned values are average values (Tolerance ±2%).

EV12-22

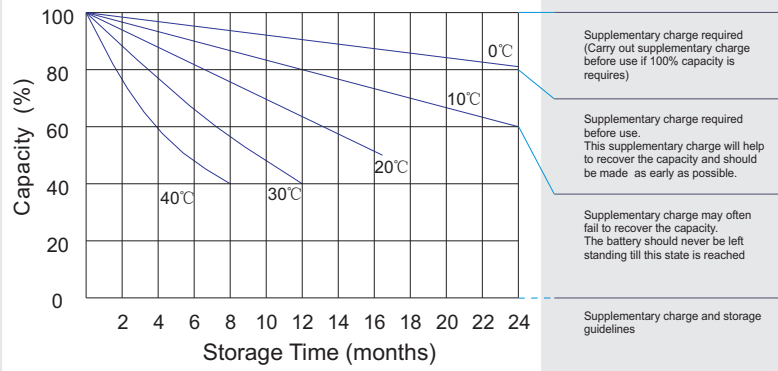
12V22Ah



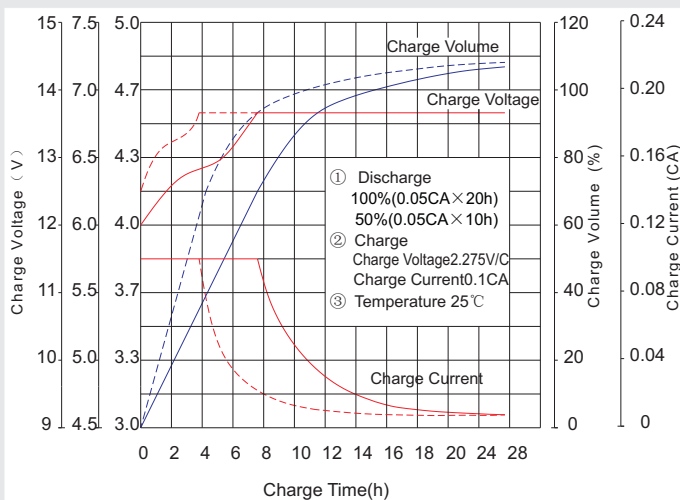
Life characteristics of cyclic use



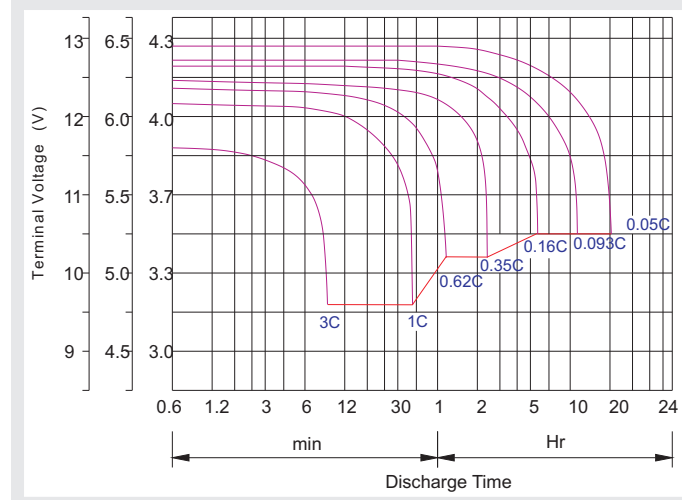
Storage characteristic



Charge characteristic Curve for standby use



Discharge characteristic Curve



Capacity Factors With Different Temperature

Battery Type		-20°C	-10°C	0°C	5°C	10°C	20°C	25°C	30°C	40°C	45°C
GEL Battery	6V&12V	50%	70%	83%	85%	90%	98%	100%	102%	104%	105%
	2V	60%	75%	85%	88%	92%	99%	100%	103%	105%	106%
AGM Battery	6V&12V	46%	66%	76%	83%	90%	98%	100%	103%	107%	109%
	2V	55%	70%	80%	85%	92%	99%	100%	104%	108%	110%

Discharge Current VS. Discharge Voltage

Final Discharge Voltage V /cell	1.75V	1.70V	1.60V
Discharge Current (A)	(A) ≤ 0.2C	0.2C < (A) < 1.0C	(A) ≥ 1.0C

Charge the batteries at least once every six months, if they are stored at 25°C.

Charging Method:

Constant Voltage	-0.2Cx2h+2.4-2.45V/cellx24h, Max. Current 0.3C
Constant Current	-0.2Cx2h+0.1Cx12h
Fast	-0.2Cx2h+0.3Cx4h

Bolt	M5	M6	M8
Terminal	F3 F4 F13 F18 T25 T26	F8 F11 F12-1 F15	F5 F9 F10 F12 F14 F16
Torque	6~7N·m	8~10N·m	10~12N·m

Maintenance & Cautions

Cycle service
※ Avoid battery over discharge, especially battery series connection use.
※ Charged with recommend voltage, ensure battery can be full recharged.
In general, recharge capacity should be 1.1-1.15 times discharge capacity.
※ Effect of temperature on cycle charge voltage: -4mV/°C/Cell.
※ There are a number of factors that will affect the length of cyclic service.
The most significant are depth of discharge, ambient temperature, discharge rate, and the manner in which the battery is recharged.
Generally specking, the most important factors is depth of discharge.