

Rechargeable sealed lead acid battery

EXA1223A

12V 2.1Ah

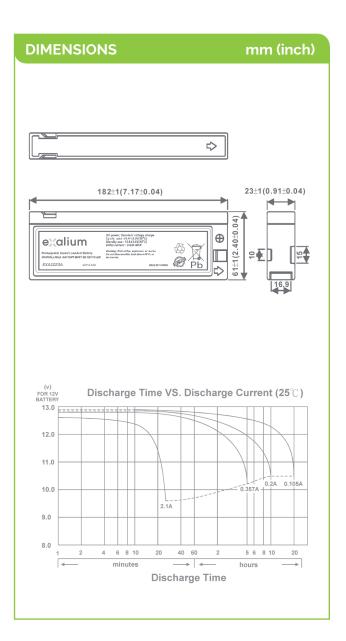
Terminal

SPECIFICATIONS

Nominal Volta	12V						
Nominal Capa 20 hour rate 10 hour rate 5 hour rate 1 C	(0.105A to 10 (0.2A to 10.50 (0.357A to 10 (2.1A to 9.60)	2.1Ah 2.0Ah 1.79Ah 0.95Ah					
Weight	Approx. 714g(1.57Lbs.)						
Internal Resis	stance (at 1KHz) /	Approx. 59 m Ω				
Maximum Ter	mperature Res	istan	ce 70°C				
Maximum Dis 5 seconds :	charge Curren	t for	10A				
Cycle use: Charging Volta Coefficient -5.0	mV/°C/cell arging Current g Voltage	7°F)	14.4 to 15.0V 0.63A 13.5 to 13.8V				
Charge Discharge Storage	mperature Rar -15°C(5°F) -15°C(5°F) -15°C(5°F)	to to to	40°C(104°F) 50°C(122°F) 40°C(104°F)				
Charge Reter 1 month 3 month 6 month	ntion (shelf life) at 20	92% 90% 80%				
Case Materia Option: Fla	l mmability resis	tance	ABS UL94 HB e of (UL94 V-0)				

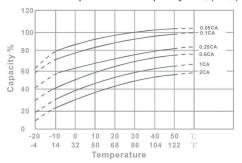
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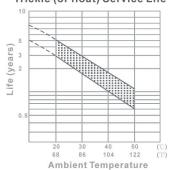


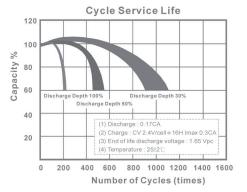
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Effect of Temperature on Capacity 25°C (77°F)



Trickle (or float) Service Life





PERFORMANCE DATA

Discharge Rates in Watts to Various End Voltages at 25°C(77°F)

Time	End Voltage	1.85V	1.80V	1.75V	1.70V	1.67V	1.65V	1.60V
5	min	9.45	10.9	11.9	12.8	13.1	13.5	14.0
10	min	7.77	8.52	9.03	9.50	9.70	9.92	10.30
15	min	7.00	7.22	7.52	7.77	7.87	7.98	8.13
30	min	4.00	4.27	4.47	4.62	4.67	4.73	4.82
60	min	2.47	2.68	2.77	2.83	2.88	2.95	3.05
120	min	1.29	1.40	1.46	1.50	1.53	1.56	1.61
180	min	0.920	0.998	1.06	1.13	1.15	1.18	1.22
240	min	0.703	0.768	0.812	0.840	0.860	0.882	0.915
300	min	0.535	0.597	0.648	0.695	0.713	0.733	0.762
600	min	0.342	0.378	0.397	0.408	0.417	0.428	0.445
1200	min	0.203	0.215	0.223	0.230	0.232	0.235	0.238

Discharge Rates in Amperes to Various End Voltages at 25°C(77°F)

Time	End Voltage	1.85V	1.80V	1.75V	1.70V	1.67V	1.65V	1.60V
5	min	5.33	5.97	6.55	7.04	7.26	7.51	7.82
10	min	3.65	4.16	4.58	4.97	5.14	5.33	5.54
15	min	3.23	3.6	3.86	4.07	4.16	4.25	4.36
30	min	1.78	2.06	2.27	2.46	2.53	2.61	2.69
60	min	1.18	1.29	1.36	1.42	1.44	1.47	1.51
120	min	0.630	0.681	0.725	0.766	0.783	0.802	0.824
180	min	0.442	0.490	0.532	0.566	0.578	0.590	0.604
240	min	0.353	0.396	0.414	0.430	0.435	0.441	0.450
300	min	0.316	0.338	0.351	0.362	0.366	0.370	0.375
600	min	0.185	0.197	0.204	0.210	0.212	0.215	0.218
1200	min	0.094	0.101	0.106	0.111	0.113	0.115	0.117

All data on the spec. sheet is an average value:

The tolerance range : X < 6min(+15%~-15%), 6min \leq X < 10min(+12%~-12%), 10min \leq X < 60min(+8%~-8%), X \geq 60min(+5%~-5%)

