

Cellulose technology for superior performance. Valve regulated, spill proof construction performance. Valve regulated, spill proof construction allows safe operation in any position. Approved for transport by air. D.O.T., I.A.T.A., F.A.A. and C.A.B. certified. U.L. recognized under file number MH 20567.

Specification

Nominal Voltage		6 volts	
Nominal Capacity		77° F (25° C)	
20-hr. (10.0A)		200 Ah	
10-hr. (18.6A)		186 Ah	
5-hr. (34.0A)		170 Ah	
1-hr. (120A)		120 Ah	
Approximate Weight		62.39 lbs (28.3 kgs)	
Internal Resistance (approx.)		4Ω	
Shelf Life (% of normal capacity at 68° F (20° C)			
3 Months	6 Months	12 Months	
91%	83%	64%	
Temperature Dependency of Capacity		(20 hour rate)	
104° F (40°C)	77° F (25°C)	32° F (0°C)	5° F (-15°C)
102%	100%	85%	65%
AGM Operational Temperature			
Charge	32°F to 104°F (0°C to 40°C)		
Discharge	5°F to 113°F (-15°C to 45°C)		
AGM Storage Temperature		5°F to 104°F (-15°C to 40°C)	



Due to continuous improvements to our products, product may vary slightly from depiction.

Charge Method (Constant Voltage)

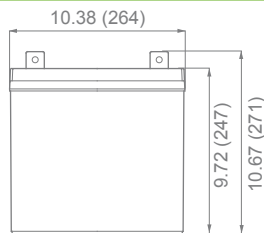
Cycle Use (Repeating Use)

Initial Current	40 A or smaller
Control Voltage	7.1 - 7.2 V

Float Use

Control Voltage	6.6 - 6.7 V
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Physical Dimensions: in (mm)



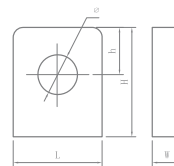
L: 10.38 in (264 mm)
W: 7.13 in (181 mm)
H: 9.72 in (247 mm)
TH: 10.67 in (271 mm)

Tolerances are +/- 0.04 in. (+/- 1mm) and +/- 0.08 in. (+/- 2mm) for height dimensions. All data subject to change without notice.



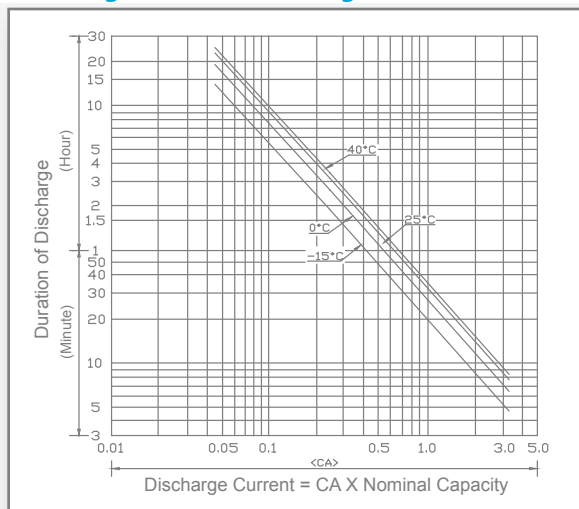
Terminals

L Series (L Type Terminal)

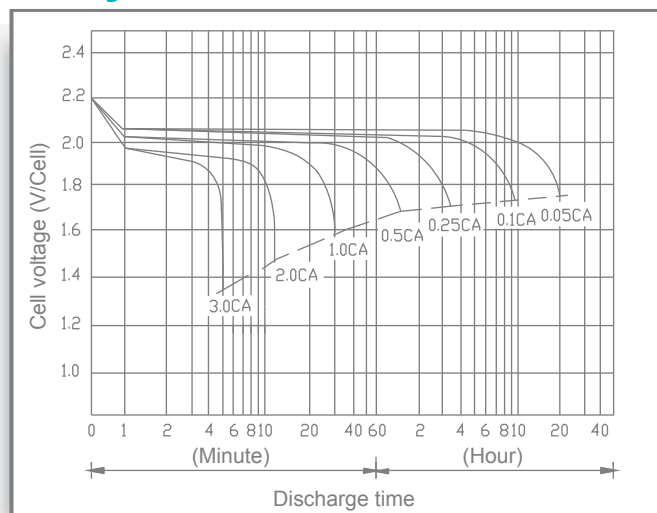


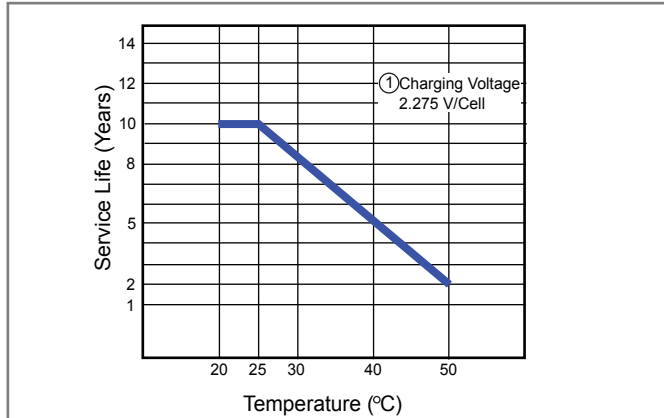
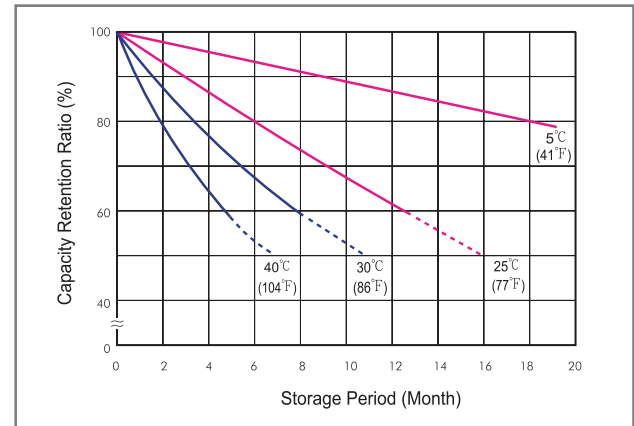
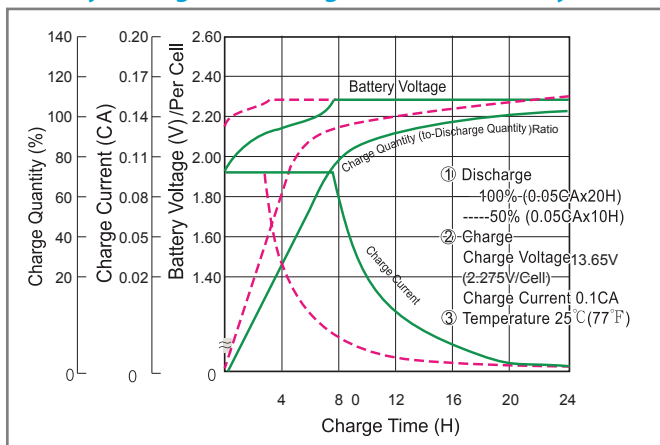
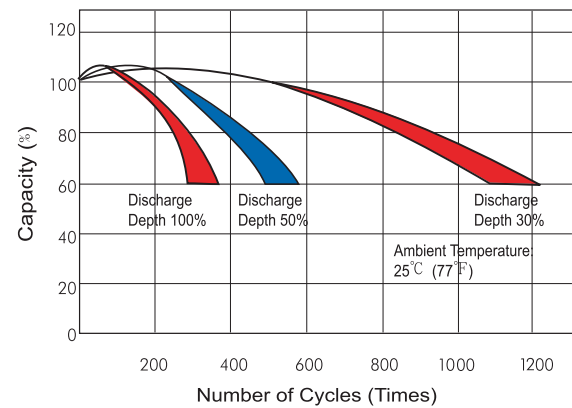
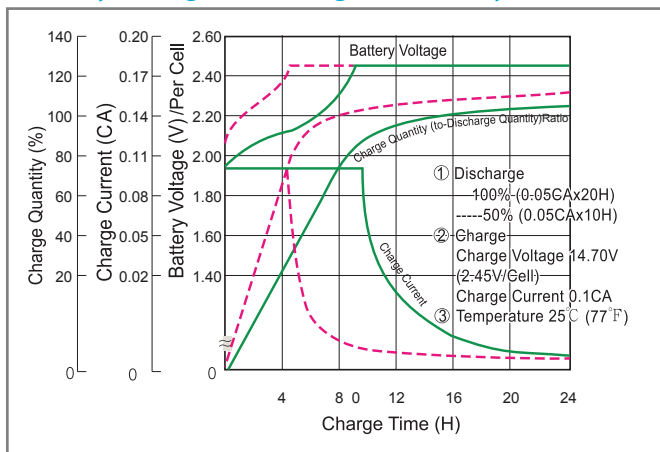
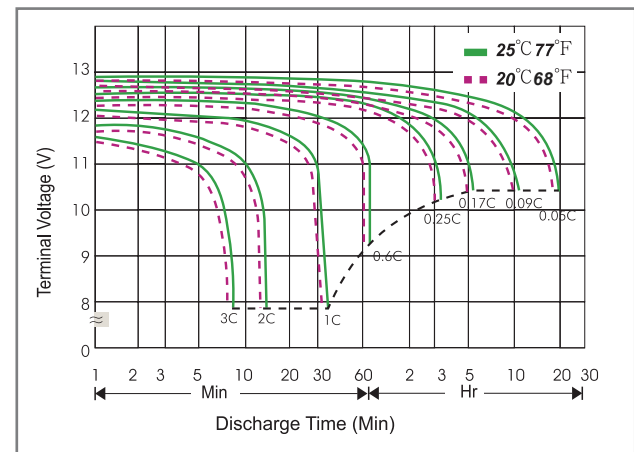
Dimension Type	L	W	H	h	φ
L4	26.5 mm 1.04 in	8.00 mm 0.32 in	24.5 mm 0.97 in	12.0 mm 0.47 in	9.00 mm 0.35 in

Discharge Time vs. Discharge Current



Discharge Characteristics



Trickle (or Float) Service Life**Capacity Retention Characteristic****Battery Voltage and Charge Time for Standby Use****Cycle Service Life****Battery Voltage and Charge Time for Cycle Use****Terminal Voltage (V) and Discharge Time****Charge Current & Final Discharge Voltage**

Application	Charge Voltage(V/Cell)			Max.Charge Current
	Temperature	Set Point	Allowable Range	
Cycle Use	25°C(77°F)	2.38	2.37~2.40	0.20C
Standby	25°C(77°F)	2.22	2.20~2.23	

Final Discharge Voltage V/Cell	1.75	1.70	1.65	1.60
Discharge Current(A)	0.2C>(A)	0.2C<(A)<0.5C	0.5C<(A)<1.0C	(A)>1.0C