



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



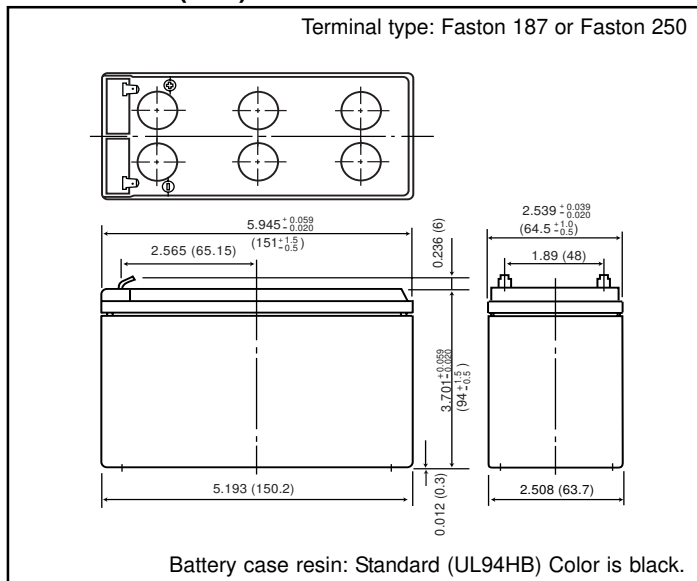
# VALVE-REGULATED LEAD ACID BATTERIES: INDIVIDUAL DATA SHEET

## LC-R127R2P



For main and standby power supplies.  
Expected trickle life: 3-5 years at 25°C, Approx. 5 years at 20°C.

### Dimensions (mm)

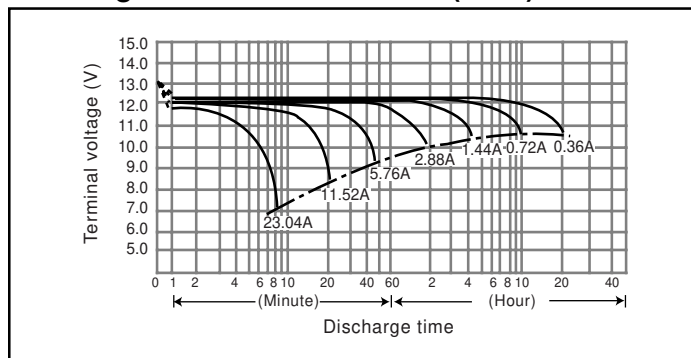


### Specifications

Nominal Voltage		12V
Rated Capacity (20 hour rate)		7.2Ah
Dimensions	Length	5.945 inches (151.0 mm)
	Width	2.539 inches (64.5 mm)
	Height	3.702 inches (94.0 mm)
	Total Height*	3.937 inches (100.0 mm)
Approx. mass		5.45 lbs. (2.47 kg)
Standard Terminals and Resin	UL94HB Faston 187	LC-R127R2P
	UL94HB Faston 250	LC-R127R2P1

\* The total height with #250 terminal is 101.5mm.

### Discharge characteristics 77°F (25°C) (Note)



### Characteristics

Capacity (note) 77°F (25°C)	20 hour rate (360mA)	7.2Ah	
	10 hour rate (680mA)	6.8Ah	
Internal Resistance	5 hour rate (1260mA)	6.3Ah	
	1 hour rate (4900mA)	4.9Ah	
Temperature dependency of capacity (20 hour rate)	1.5 hour rate discharge Cut-off voltage 10.5 V	3.5A	
	Fully charged battery 77°F (25°C)	Approx. 40mΩ	
Self discharge 77°F (25°C)	104°F (40°C)	102%	
	77°F (25°C)	100%	
	32°F (0°C)	85%	
	5°F (-15°C)	65%	
Charge Method (Constant Voltage)	Cycle use (Repeating use)	Residual capacity after standing 3 months	91%
		Residual capacity after standing 6 months	82%
	Trickle use	Residual capacity after standing 12 months	64%
Initial current		2.88 A or smaller	
	Control voltage	14.5V to 14.9V (per 12V cell 25°C)	
Initial current		1.08 A or smaller	
	Control voltage	13.6V to 13.8V (per 12V cell 25°C)	

(Note) The above characteristics data are average values obtained within three charge/discharge. Cycles not the minimum values.

### Duration of discharge vs. Discharge current (Note)

