## VALVE-REGULATED LEAD ACID BATTERIES: INDIVIDUAL DATA SHEET

# **LC-R127R2P**



### **Specifications**

Nom	12V	
Rated Capa	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)
Ар	5.45 lbs. (2.47 kg)	
Standard Terminals and Resin	UL94HB Faston 187	LC-R127R2P
	UL94HB Faston 250	LC-R127R2P1

<sup>\*</sup> The total height with #250 terminal is 101.5mm.

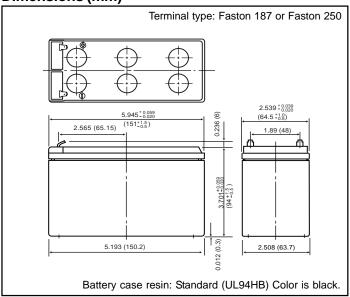
#### Characteristics

Characteristics				
Capacity <sup>(note)</sup> 77°F (25°C)		20 hour rate (360mA) 10 hour rate (680mA) 5 hour rate (1260mA) 1 hour rate (4900mA)	7.2Ah 6.8Ah 6.3Ah 4.9Ah	
		1.5 hour rate discharge Cut-off voltage 10.5 V	3.5A	
Internal Resistance		Fully charged battery 77°F (25°C)	Approx. 40mΩ	
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%	
Self discharge 77°F (25°C)		Residual capacity after standing 3 months Residual capacity after standing 6 months Residual capacity after standing 12 months	91% 82% 64%	
Charge Method (Constant Voltage)	Cycle use (Repeating use)	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	
	Trickle use	Control voltage	13.6V to 13.8V (per 12V cell 25°C)	

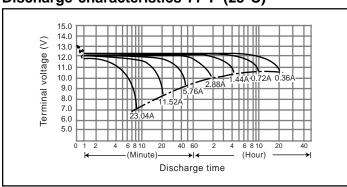
(Note) The above characteristics data are average values obtained within three charge/discharge. Cycles not the minimum values.

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

### Dimensions (mm)



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



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

