VALVE-REGULATED LEAD ACID BATTERIES: INDIVIDUAL DATA SHEET

LC-R121R3P



Specifications

Non	12V		
Rated Cap	1.3Ah		
Dimensions	Length	3.819 inches (97.0 mm)	
	Width	1.870 inches (47.5 mm)	
	Height	1.969 inches (50.0 mm)	
	Total Height	2.165 inches (55.0 mm)	
Ар	1.30 lbs. (0.59 kg)		
Standard Terminals and Resin	UL94HB Faston 187	LC-R121R3P	

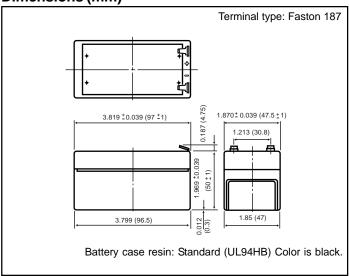
Characteristics

Capacity ^(note) 77°F (25°C)		20 hour rate (65mA) 10 hour rate (120mA) 5 hour rate (210mA) 1 hour rate (850mA)	1.3Ah 1.2Ah 1.05Ah 0.85Ah	
		1.5 hour rate discharge Cut-off voltage 10.5 V	0.6A	
Internal Resistance		Fully charged battery 77°F (25°C)	Approx. 90mΩ	
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	0.52 A or smaller	
		Control voltage	14.5V to 14.9V (per 12V cell 25°C)	
	Trickle use	Initial current	0.195 A or smaller	
		Control voltage	13.6V to 13.8V (per 12V cell 25°C)	

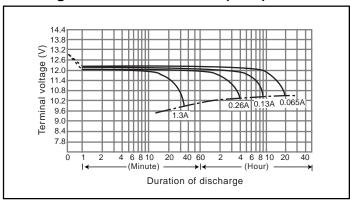
(Note) The above characteristics data are average values obtained within three charge/discharge. Cycles not the minimum values.

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)

