

# VALVE-REGULATED LEAD ACID BATTERIES: INDIVIDUAL DATA SHEET

LCR121R3P 供应商



## Specifications

Nominal Voltage		12V
Rated Capacity (20 hour rate)		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)
Approx. mass		1.30 lbs. (0.59 kg)
Standard Terminals and Resin	UL94HB Faston 187	LCR121R3P

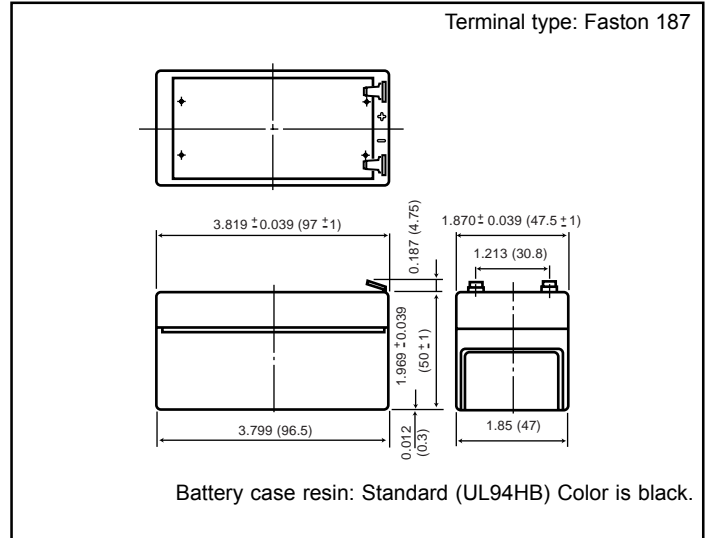
## Characteristics

Capacity (note) 77°F (25°C)	20 hour rate (65mA)	1.3Ah	
	10 hour rate (120mA)	1.2Ah	
Internal Resistance	5 hour rate (210mA)	1.05Ah	
	1 hour rate (850mA)	0.85Ah	
	1.5 hour rate discharge Cut-off voltage 10.5 V	0.6A	
Temperature dependency of capacity (20 hour rate)	Fully charged battery 77°F (25°C)	Approx. 90mΩ	
	104°F (40°C)	102%	
	77°F (25°C)	100%	
	32°F (0°C)	85%	
Self discharge 77°F (25°C)	5°F (-15°C)	65%	
	Residual capacity after standing 3 months	91%	
	Residual capacity after standing 6 months	82%	
Charge Method (Constant Voltage)	Cycle use (Repeating use)	Residual capacity after standing 12 months	64%
		Initial current	0.52 A or smaller
	Trickle use	Control voltage	14.5V to 14.9V (per 12V cell 25°C)
		Initial current	0.195 A or smaller
		Control voltage	13.6V to 13.8V (per 12V cell 25°C)

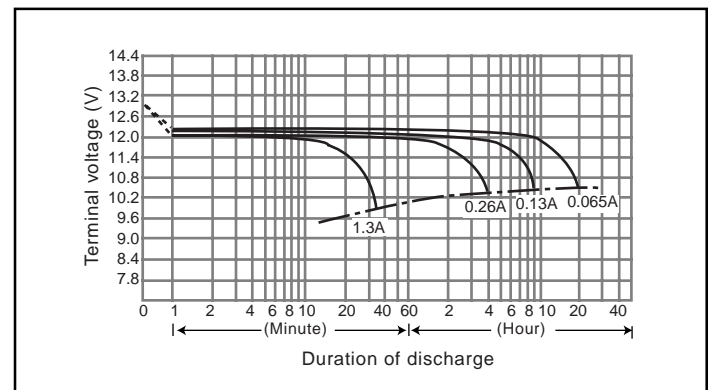
(Note) The above characteristics data are average values obtained within three charge/discharge. Cycles not the minimum values.

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)

