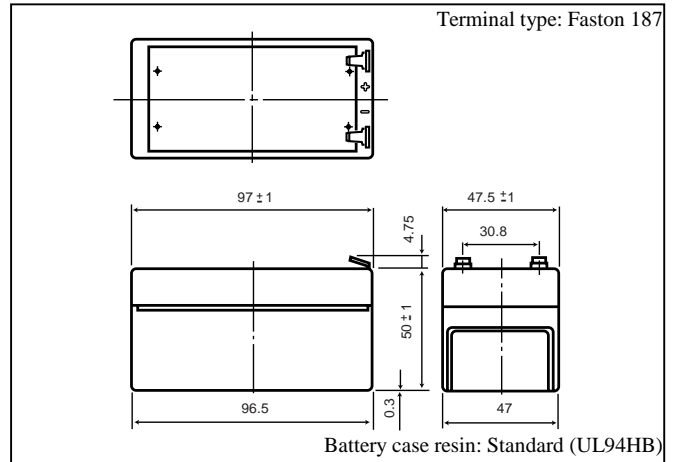


**LC-R121R3PU**



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

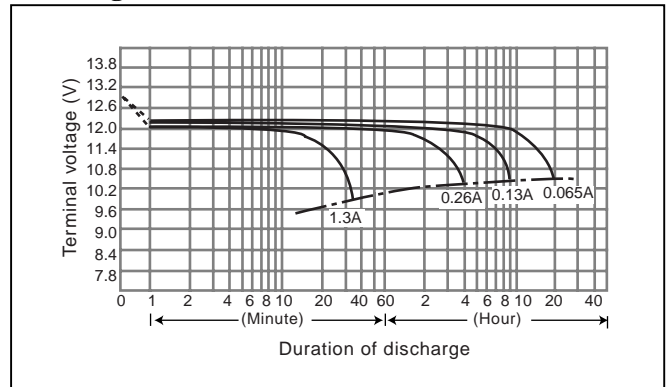
**Dimensions (mm)**



**Specifications**

Nominal voltage		12V
Rated capacity (20 hour rate)		1.3Ah
Dimensions	Length	97 mm
	Width	47.5 mm
	Height	50 mm
	Total Height	55 mm
Approx. mass		0.59 kg
Country of origin		Japan

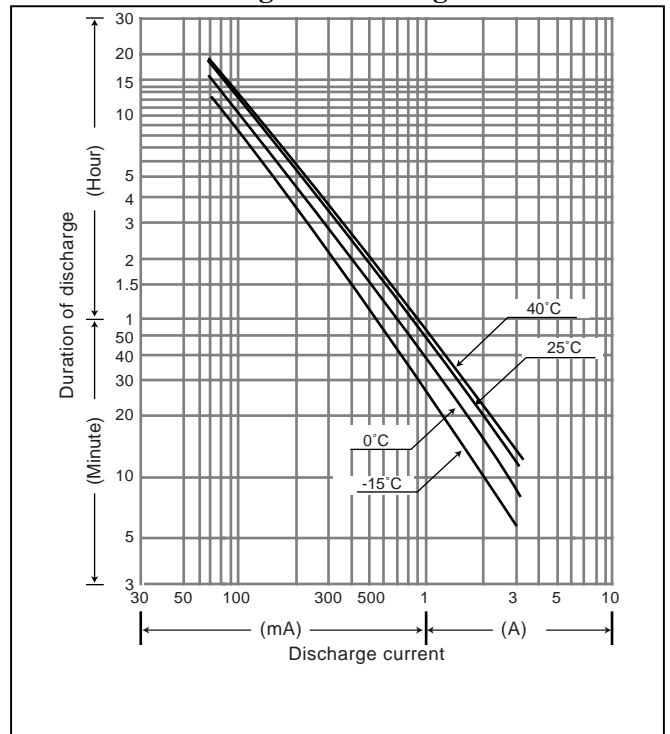
**Discharge characteristics (25°C) (note)**



**Characteristics**

Capacity (note) (25°C)	20 hour rate (65mA)	1.30Ah	
	10 hour rate (120mA)	1.20Ah	
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 (25°C)	Approx. 90mΩ	
	40°C	102 %	
	25°C	100 %	
	0°C	85 %	
Self discharge (25°C)	-15°C	65 %	
	Residual capacity after standing 3 months	91%	
	Residual capacity after standing 6 months	82%	
Charge Method (Constant Voltage)	Residual capacity after standing 12 months	64%	
	Cycle use (Repeating use)	Initial current	0.52 A or smaller
		Control voltage	Constant voltage; 14.5 to 14.9 V (per 12V cell 25°C)
Trickle use	Control voltage	13.6 to 13.8 V (per 12V cell 25°C)	

**Duration of discharge vs. Discharge current (note)**



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