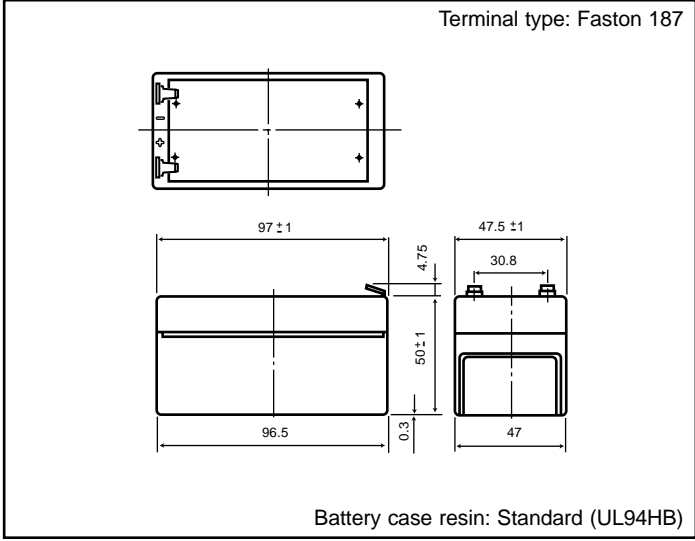


LC-R121R3P



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

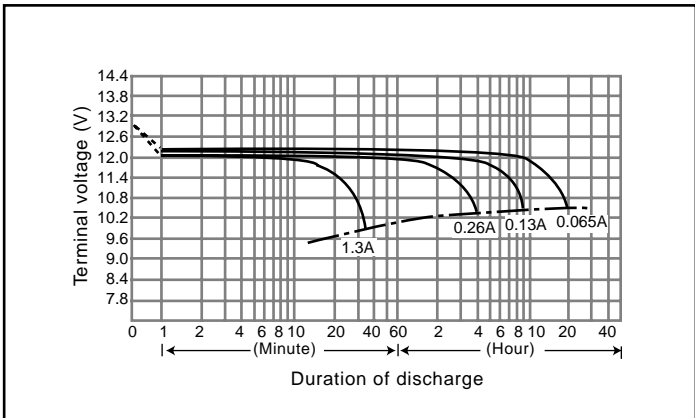
Dimensions (mm)



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

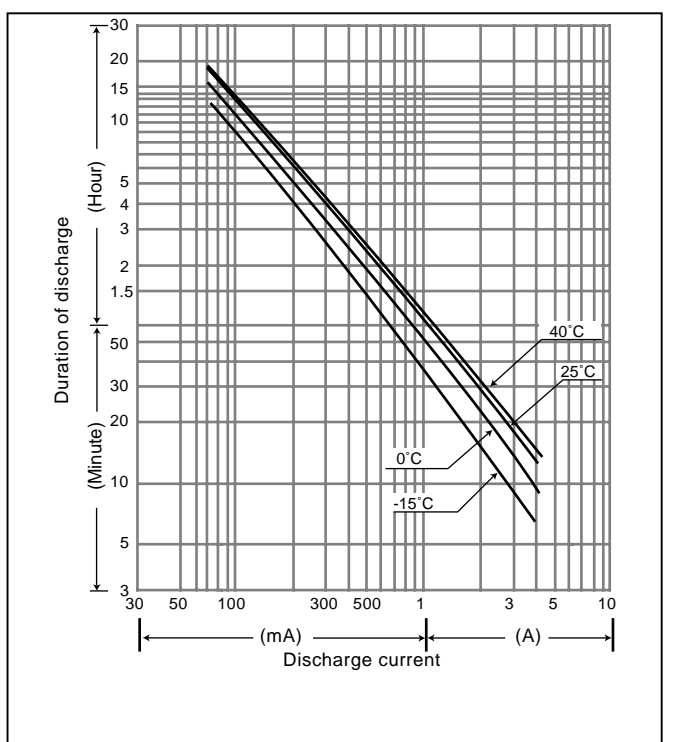
Discharge characteristics (25°C) (Note)



Characteristics

Capacity (note) (25°C)	20 hour rate (65mA)	1.30Ah	
	10 hour rate (120mA)	1.20Ah	
	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	
Internal resistance	Fully charged battery (25°C)	Approx. 90mΩ	
Temperature dependency of capacity (20 hour rate)	40°C	102%	
	25°C	100%	
	0°C	85%	
	-15°C	65%	
Self discharge (25°C)	Residual capacity after standing 3 months	91%	
	Residual capacity after standing 6 months	82%	
	Residual capacity after standing 12 months	64%	
Charge Method (Constant Voltage)	Cycle use (Repeating use)	Initial current	0.52 A or smaller
		Control voltage	14.5V to 14.9 V (per 12V cell 25°C)
	Trickle use	Initial current	0.195 A or smaller
		Control voltage	13.6V to 13.8V (per 6V 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.