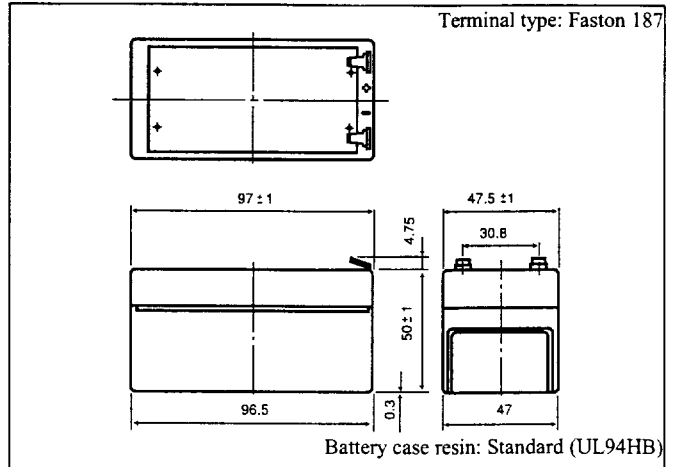


LC-R121R3PU



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

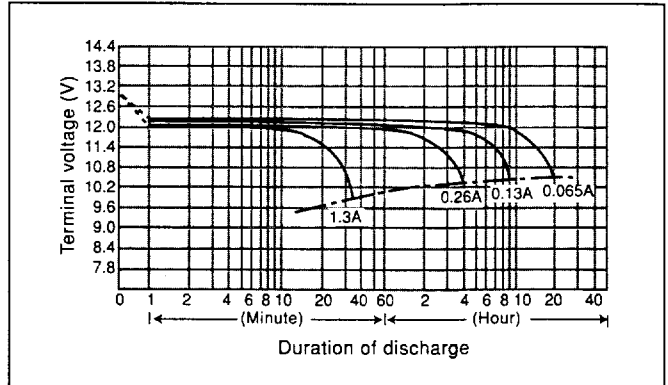
Dimensions (mm)



Specifications

Nominal voltage		12V
Rated capacity (20 hour rate)		1.3Ah
Dimensions	Length	97.0 mm
	Width	47.5 mm
	Height	50.0 mm
	Total Height	55.0 mm
Approx. mass		0.59 kg

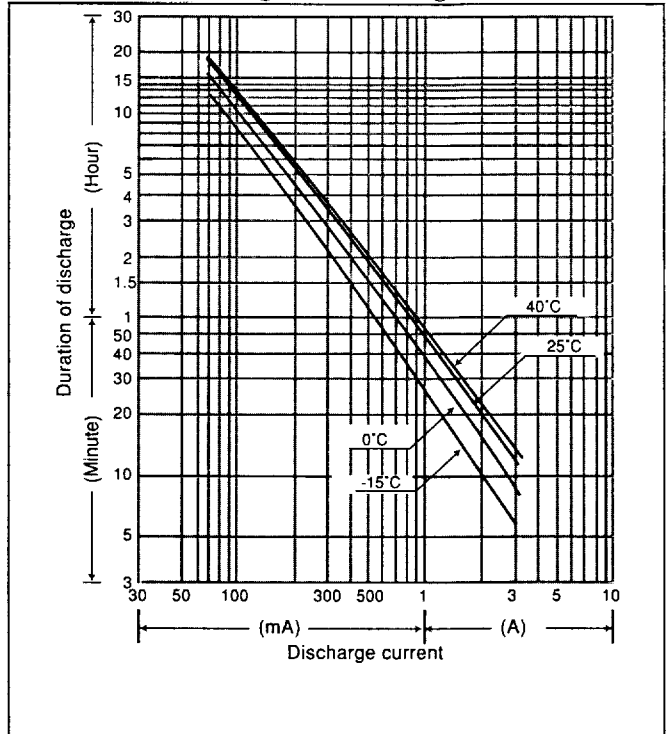
Discharge characteristics (25°C) (note)



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		0.60A
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 13.8 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.