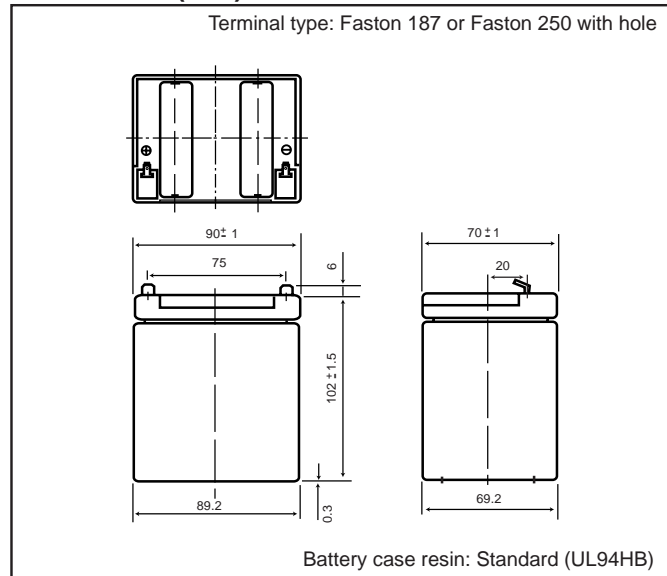


**LC-RB124P**



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

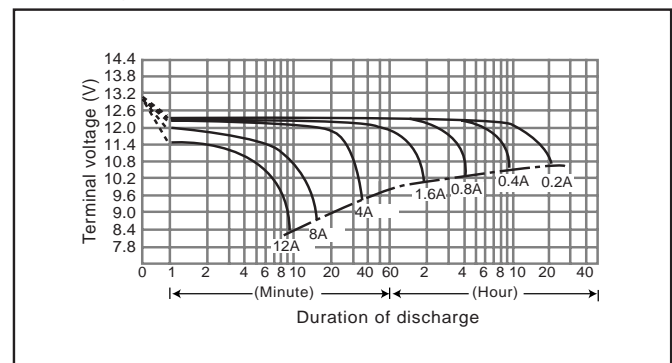
**Dimensions (mm)**



**Specifications**

Nominal voltage		12V
Rated capacity (20 hour rate)		4Ah
Dimensions	Length	90 mm
	Width	70 mm
	Height	102 mm
	Total Height	108 mm
Approx. mass		1.74 kg

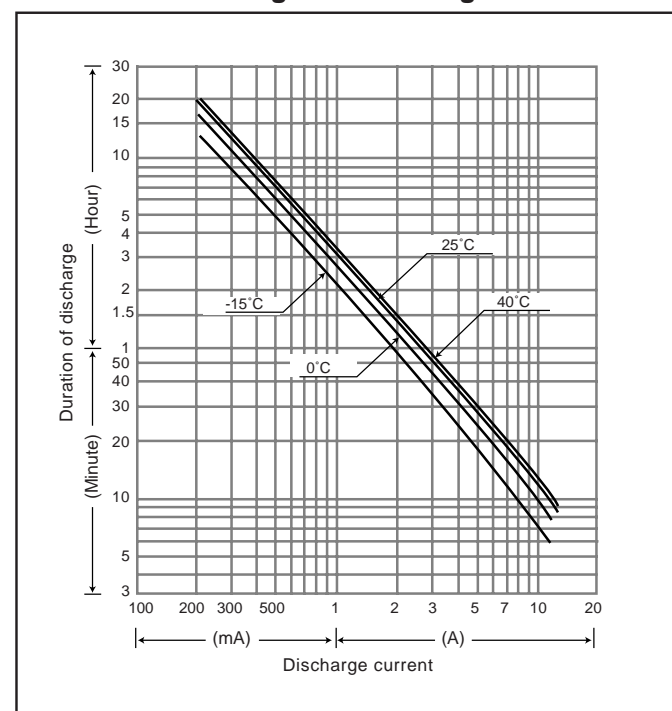
**Discharge characteristics (25°C) (Note)**



**Characteristics**

Capacity (note) (25°C)	20 hour rate (200mA)	4.0Ah	
	10 hour rate (370mA)	3.7Ah	
	5 hour rate (660mA)	3.3Ah	
	1 hour rate (2700mA)	2.7Ah	
	1.5 hour rate discharge Cut-off voltage 10.5 V	1.9A	
Internal resistance	Fully charged battery (25°C)	Approx. 50mΩ	
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	1.6 A or smaller
		Control voltage	14.5V to 14.9 V (per 12V cell 25°C)
	Trickle use	Initial current	0.6 A or smaller
		Control voltage	13.6V to 13.8V (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.