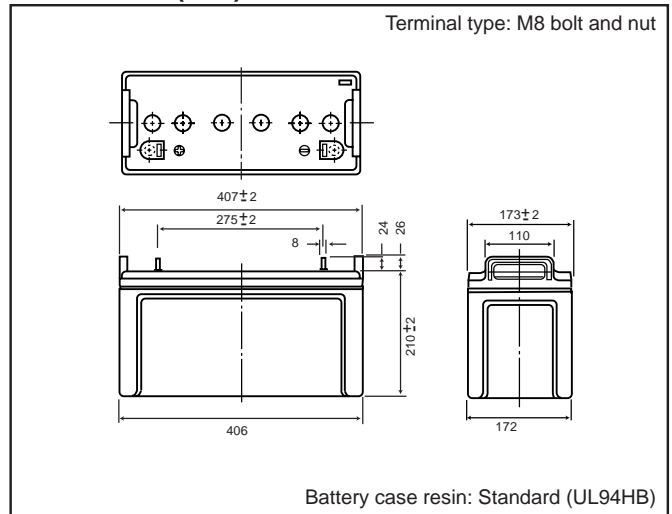


**LC-XA12100P**



For standby power supplies. Expected trickle life: Approx. 6 years at 25°C, Approx. 10 years at 20°C.

**Dimensions (mm)**



**Specifications**

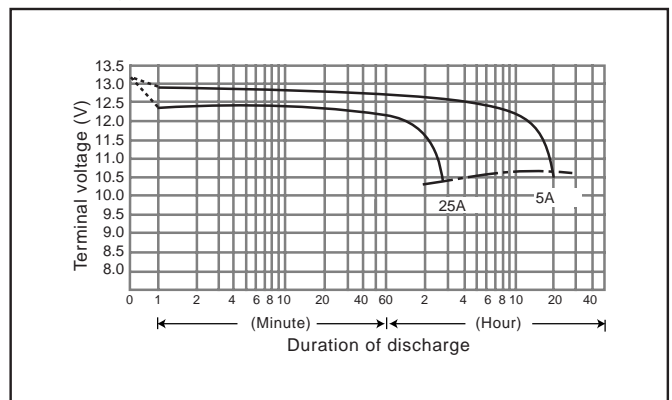
Nominal voltage		12V
Rated capacity (20 hour rate)		100Ah
Dimensions	Length	407 mm
	Width	173 mm
	Height	210 mm
	Total Height	236 mm
Approx. mass		33 kg

**Characteristics**

Capacity <sup>(note)</sup> (25°C)	20 hour rate (5A)	100Ah	
	10 hour rate (9.8A)	98Ah	
Dimensions	5 hour rate (18A)	90Ah	
	1 hour rate (55A)	55Ah	
	1.5 hour rate discharge Cut-off voltage 10.5 V	40A	
Internal resistance	Fully charged battery (25°C)	Approx. 4.5mΩ	
Temperature dependency of capacity (20 hour rate)	40°C	102%	
	25°C	100%	
	0°C	85%	
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)	Trickle use	Initial current	15 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.

**Discharge characteristics (25°C) <sup>(Note)</sup>**



**Duration of discharge vs. Discharge current <sup>(Note)</sup>**

