

**LC-X1242AP/LC-X1242P**

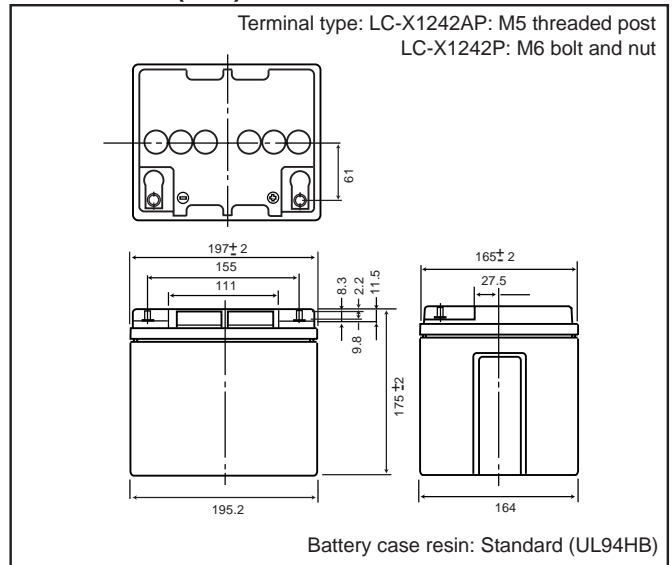


Labels will vary, see page 73 for example of labels.

(a) The photo and dimensions represent LC-X1242AP

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

**Dimensions (mm)**



**Specifications**

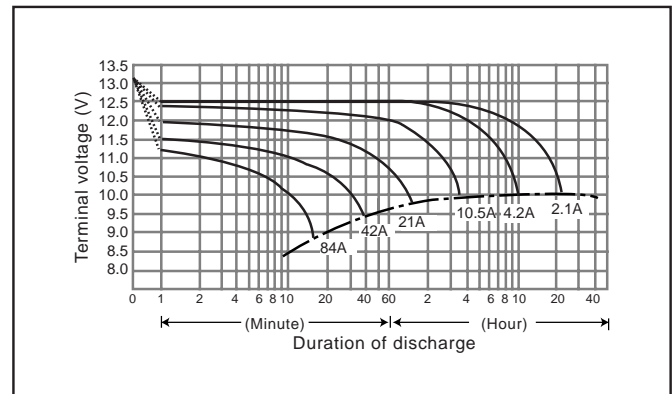
Nominal voltage		12V
Rated capacity (20 hour rate)		42Ah
Dimensions	Length	197 mm
	Width	165 mm
	Height	175 mm
Total Height		LC-X1242AP: 175 mm LC-X1242P: 180 mm
Approx. mass		16 kg

**Characteristics**

Capacity (note) (25°C)	20 hour rate (2.1A)	42Ah	
	10 hour rate (4A)	40Ah	
	5 hour rate (7.4A)	37Ah	
	1 hour rate (26A)	26Ah	
1.5 hour rate discharge Cut-off voltage 10.5 V		15.5A	
Internal resistance	Fully charged battery (25°C)	Approx. 8mΩ	
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)	Trickle use	Initial current	6.3 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) (Note)**



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

