

**LC-X1220P/LC-X1220AP**

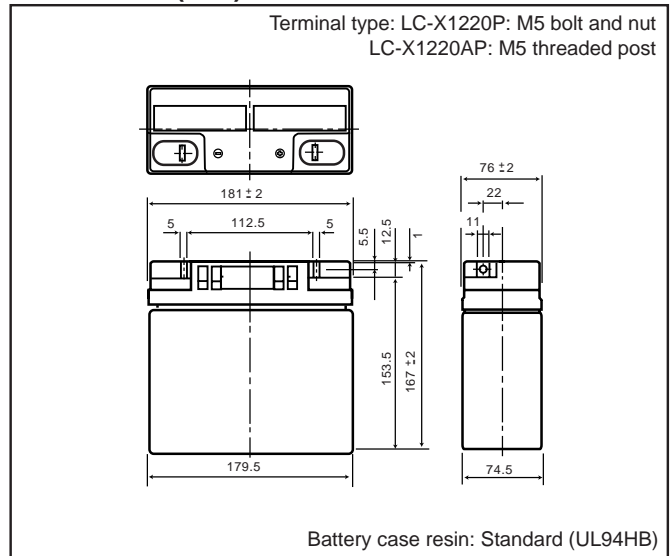


Labels will vary, see page 73 for example of labels.

(a) The photo and dimensions represent LC-X1220P

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

**Dimensions (mm)**



**Specifications**

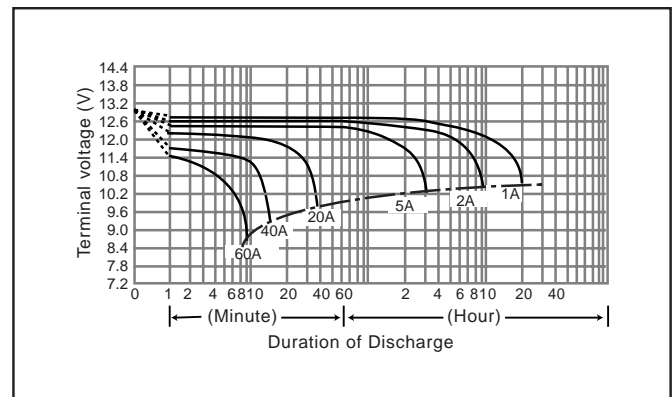
Nominal voltage		12V
Nominal capacity (20 hour rate)		20Ah
Dimensions	Length	181 mm
	Width	76 mm
	Height	167 mm
	Total Height	167 mm
Approx. mass		6.6 kg

**Characteristics**

Capacity (note) (25°C)	20 hour rate (1.2A)	20Ah	
	10 hour rate (2.2A)	18Ah	
Dimensions	5 hour rate (3.8A)	16Ah	
	1 hour rate (14A)	12Ah	
	1.5 hour rate discharge Cut-off voltage 10.5 V	9.8A	
Internal resistance	Fully charged battery (25°C)	Approx. 11mΩ	
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	8 A or smaller
		Control voltage	14.5V to 14.9 V (per 12V cell 25°C)
	Trickle use	Initial current	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.  
(Note) For cycle use of the battery, please contact us in advance.

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



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

