

LC-X1238AP/LC-X1238P



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

(a) The photo and dimensions represent LC-X1238AP

Specifications

Nominal voltage		12V
Rated capacity (20 hour rate)		38Ah
Dimensions	Length	197 mm
	Width	165 mm
	Height	175 mm
	Total Height	LC-X1238AP: 175 mm LC-X1238P: 180 mm
Approx. mass		13 kg

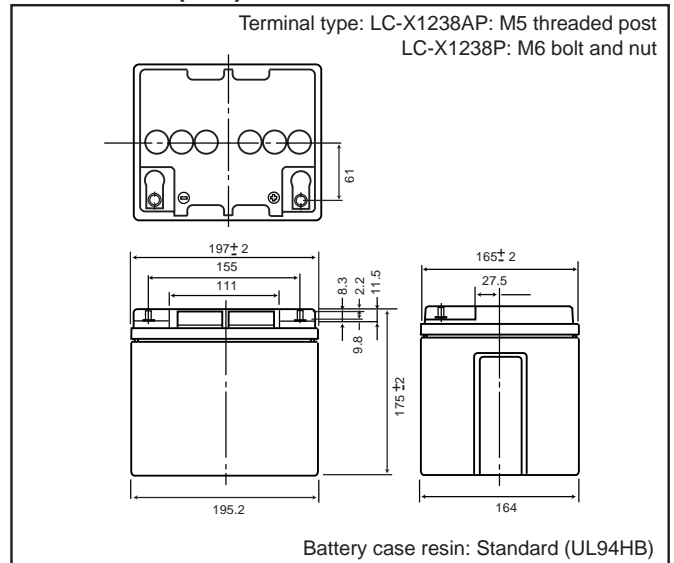
Characteristics

Capacity (note) (25°C)	20 hour rate (1.9A)	38.0Ah	
	10 hour rate (3.5A)	35.0Ah	
	5 hour rate (6.3A)	31.5Ah	
	1 hour rate (22.5A)	22.5Ah	
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	5.7 A or smaller
		Control voltage	13.6V to 13.8V (per 12V cell 25°C)

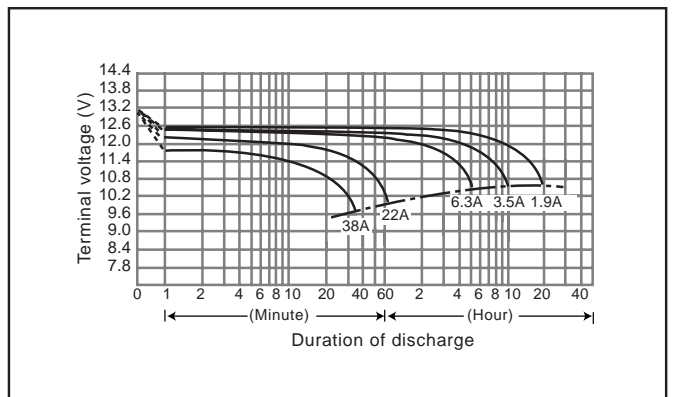
(Note) The above characteristics data are average values obtained within three charge/discharge cycles, not the minimum values.

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

Dimensions (mm)



Discharge characteristics (25°C) (Note)



Duration of discharge vs. Discharge current (Note)

