

LC-X1242AP /LC-X1242P



(a) The photo and dimensions represent LC-X1242AP

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		Approx. 16.0 kg
Country of origin		Republic of China

Characteristics

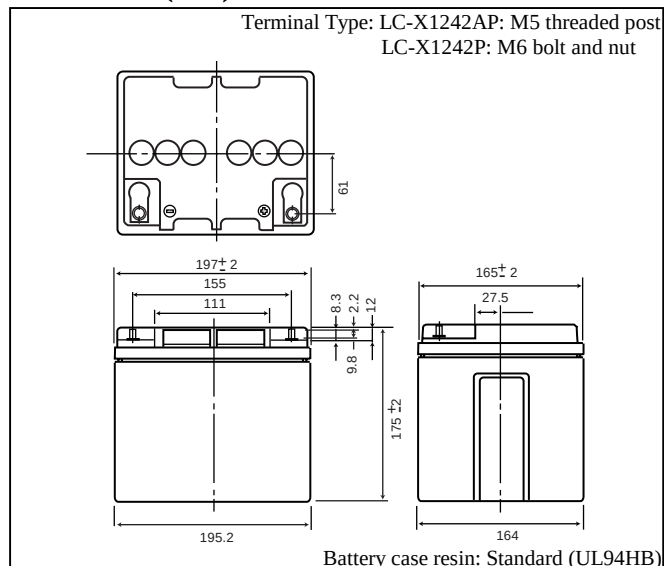
Capacity ^(note) (25°C)		20 hour rate (2.1A)	42.0Ah
		10 hour rate (4.0A)	40.0Ah
		5 hour rate (7.4A)	37.0Ah
		1 hour rate (26.0A)	26.0Ah
		1.5 hour rate discharge Cut-off voltage 10.5 V	15.5A
Internal resistance		Fully charged battery (25°C)	Approx. 8mΩ
Temperature dependency of capacity (20 hour rate)		40°C	102 %
		25°C	100 %
		0°C	85 %
Self discharge (25°C)		-15°C	65 %
		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	Control voltage	13.6 to 13.8 V (per 12V cell 25°C)

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

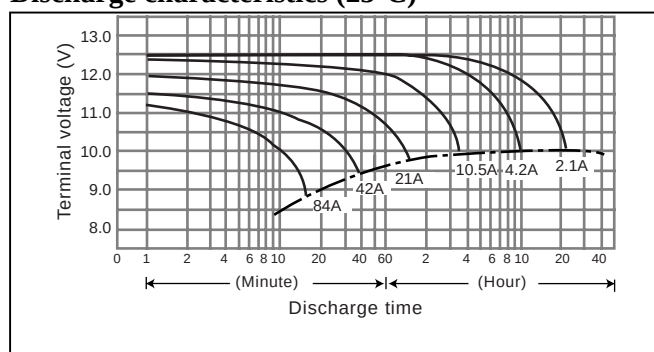
For standby power supplies.

Expected trickle life: 6 years at 25°C, 10 years at 20°C.

Dimensions (mm)



Discharge characteristics (25°C) ^(note)



Duration of discharge vs. Discharge current ^(note)

