

# SEALED LEAD ACID BATTERIES: INDIVIDUAL DATA SHEET

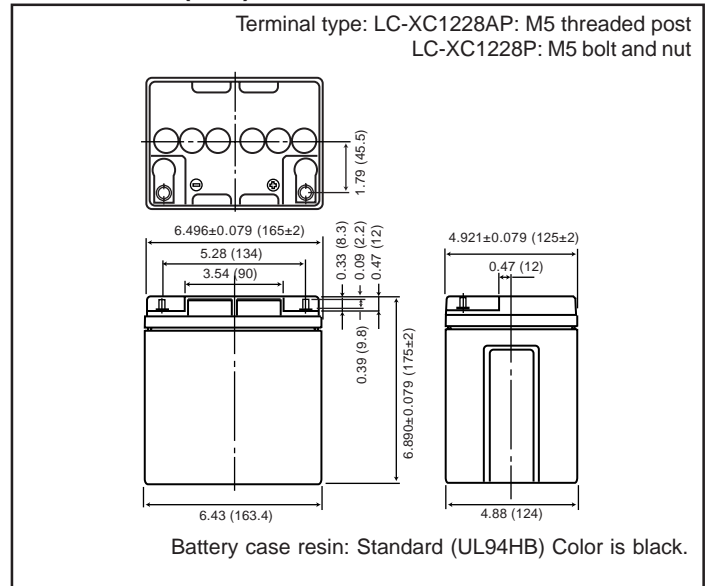
## LC-XC1228P/LC-XC1228AP



(a) The photo and dimensions represent LC-XC1228AP.

For main power supplies.  
Cycle long life type.

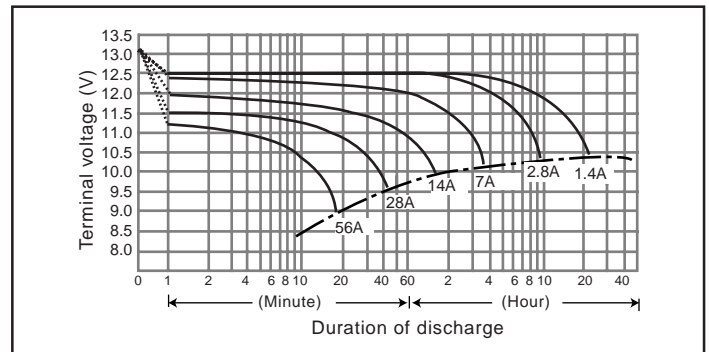
### Dimensions (mm)



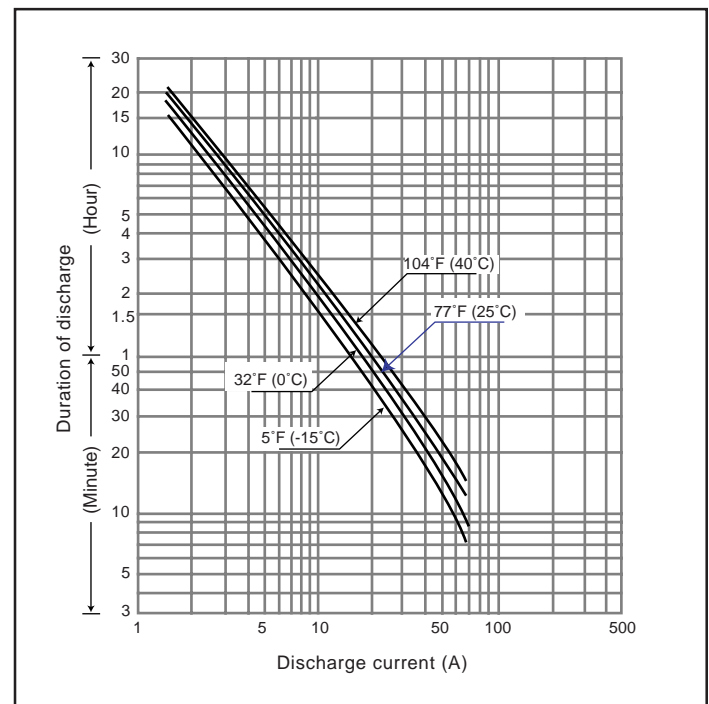
### Specifications

Nominal voltage		12V
Rated capacity (20 hour rate)		28Ah
Dimensions	Length	6.469 inches (165 mm)
	Width	4.921 inches (125 mm)
	Height	6.890 inches (175 mm)
	Total Height	LC-XC1228AP: 6.890 inches (175 mm) LC-XC1228P: 7.067 inches (179.5 mm)
Approx. mass		24.34 lbs. (11 kg)
Standard Terminals and Resin	UL94HB M5 Bolt and Nut	LC-XC1228P
	UL94HB M5 Threaded Post	LC-XC1228AP

### Discharge characteristics 77°F (25°C) (Note)



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



### Characteristics

Capacity (note) 77°F (25°C)	20 hour rate (1.4A)	28Ah
	10 hour rate (2.65A)	26.5Ah
Internal resistance	5 hour rate (5A)	25Ah
	1 hour rate (21A)	21Ah
	1.5 hour rate discharge Cut-off voltage 10.5 V	9.8A
Temperature dependency of capacity (20 hour rate)	Fully charged battery 77°F (25°C)	Approx. 6mΩ
	104°F (40°C)	102%
	77°F (25°C)	100%
	32°F (0°C)	85%
Self discharge 77°F (25°C)	5°F (-15°C)	65%
	Residual capacity after standing 3 months	91%
	Residual capacity after standing 6 months	82%
Charge Method (Constant Voltage)	Residual capacity after standing 12 months	64%
	Cycle use (Repeating use)	Initial current
Control voltage		14.5V to 14.9V (per 12V cell 25°C)

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