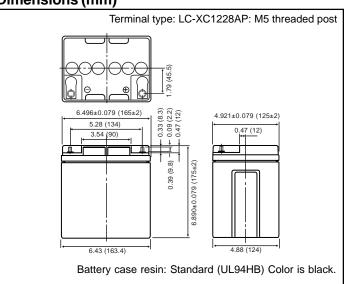
## VALVE-REGULATED LEAD ACID BATTERIES: INDIVIDUAL DATA SHEET

## LC-XC1228AP



# **Dimensions (mm)**

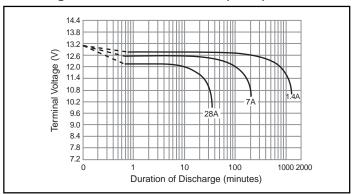
For main power supplies. Cycle long life type.



## **Specifications**

Nom	12V		
Rated Capacity (20 hour rate)		28Ah	
Dimensions	Length	6.496 inches (165 mm)	
	Width	4.921 inches (125 mm)	
	Height	6.890 inches (175 mm)	
	Total Height	7.07 inches (179.5 mm)	
Approx. mass		24.34 lbs. (11 kg)	
Standard Terminals and Resin	UL94HB M5 Threaded Post	LC-XC1228AP	

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



#### **Characteristics**

Capacity <sup>(note)</sup> 77°F (25°C)		20 hour rate (1.4A) 10 hour rate (2.65A) 5 hour rate (4.8A) 1 hour rate (18A)	28Ah 26.5Ah 24Ah 18Ah
		1.5 hour rate discharge Cut-off voltage 10.5 V	14A
Internal Resistance		Fully charged battery 77°F (25°C)	Approx. 10mΩ
Temperature dependency		104°F (40°C) 77°F (25°C)	102% 100%
of capacity (20 hour rate)		32°F (0°C) 5°F (-15°C)	85% 65%
Self discharge 77°F (25°C)		Residual capacity after standing 3 months	91%
		Residual capacity after standing 6 months	82%
		Residual capacity after standing 12 months	64%
Charge	Cycle use	Initial current	11.2 A or smaller
Method (Constant Voltage)	(Repeating use)	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.

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

