

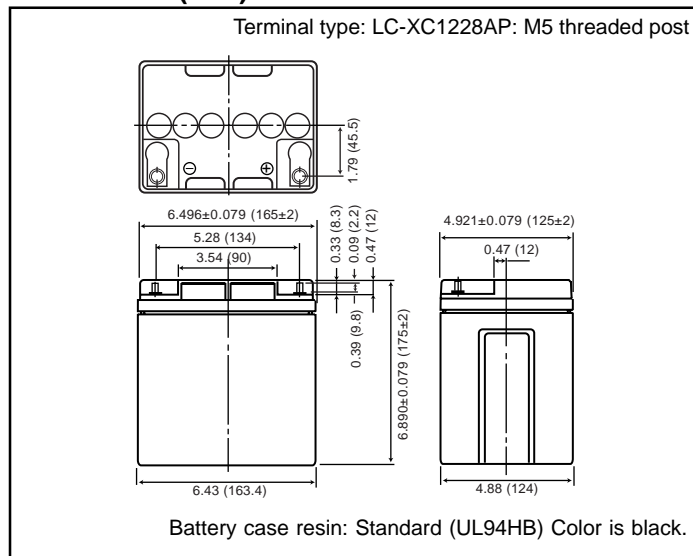
# VALVE-REGULATED LEAD ACID BATTERIES: INDIVIDUAL DATA SHEET

## LC-XC1228AP



For main power supplies.  
Cycle long life type.

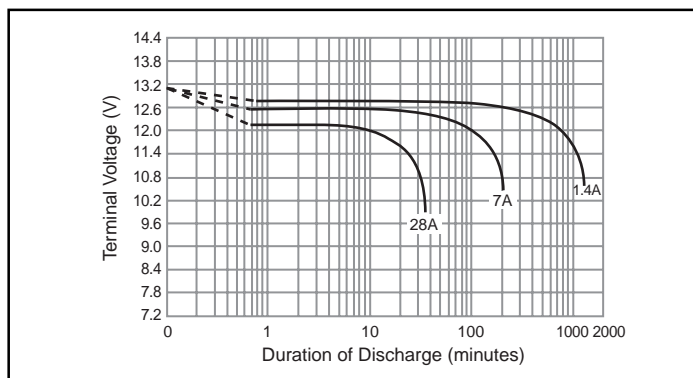
### Dimensions (mm)



### Specifications

Nominal Voltage		12V
Rated Capacity (20 hour rate)		28Ah
Dimensions	Length	6.496 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

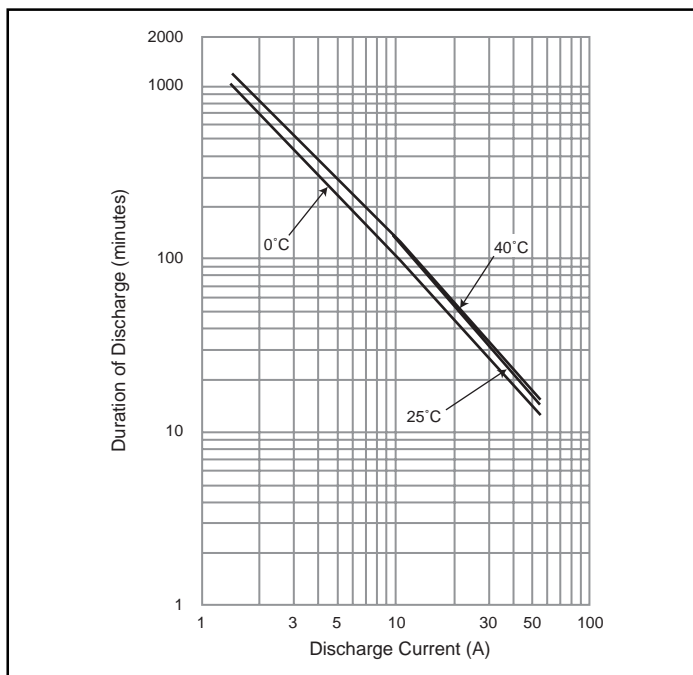
### Discharge characteristics 77°F (25°C) (Note)



### Characteristics

Capacity (note) 77°F (25°C)	20 hour rate (1.4A)	28Ah	
	10 hour rate (2.65A)	26.5Ah	
	5 hour rate (4.8A)	24Ah	
	1 hour rate (18A)	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 of capacity (20 hour rate)	104°F (40°C)	102%	
	77°F (25°C)	100%	
	32°F (0°C)	85%	
	5°F (-15°C)	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 Method (Constant Voltage)	Cycle use (Repeating use)	Initial current	11.2 A or smaller
		Control voltage	14.5V to 14.9V (per 12V cell 25°C)

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



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