

VALVE-REGULATED LEAD ACID BATTERIES: INDIVIDUAL DATA SHEET

LC-XC1228AP

For main power supplies.
Cycle long life type.



Photo/Label for reference only.

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

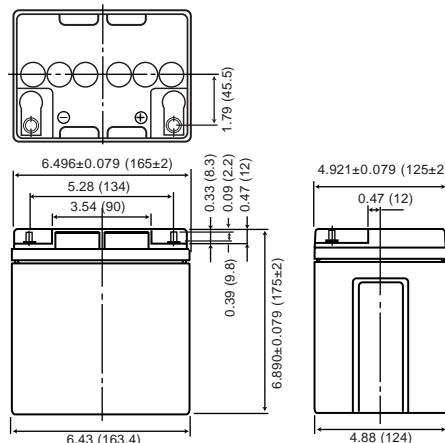
Characteristics

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) 77°F (25°C) 32°F (0°C) 5°F (-15°C)	102% 100% 85% 65%
Self discharge 77°F (25°C)	Residual capacity after standing 3 months Residual capacity after standing 6 months Residual capacity after standing 12 months	91% 82% 64%
Charge Method (Constant Voltage)	Initial current	11.2 A or smaller
Cycle use (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.

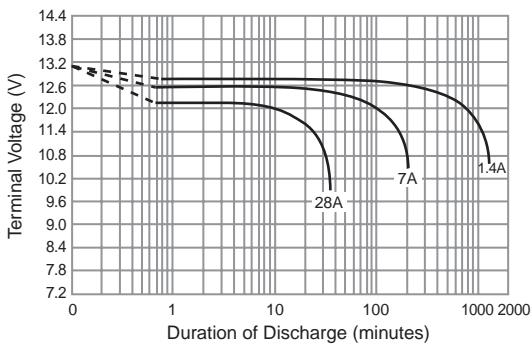
Dimensions (mm)

Terminal type: LC-XC1228AP: M5 threaded post

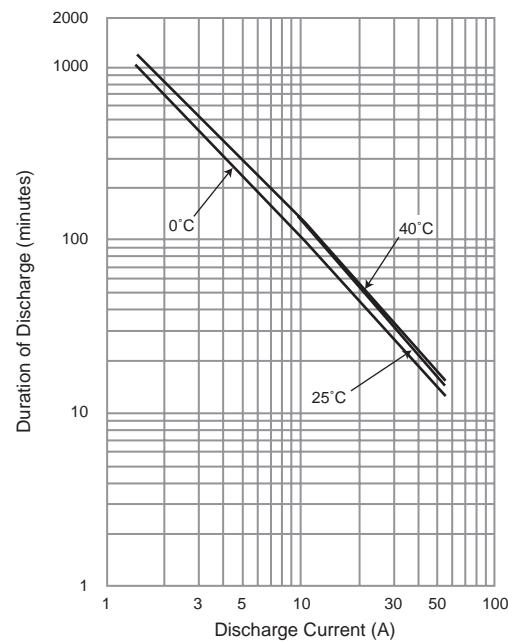


Battery case resin: Standard (UL94HB) Color is black.

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



Duration of discharge vs. Discharge current (Note)



Mouser Electronics

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