

VALVE-REGULATED LEAD ACID BATTERIES: INDIVIDUAL DATA SHEET

LC-R127R2P

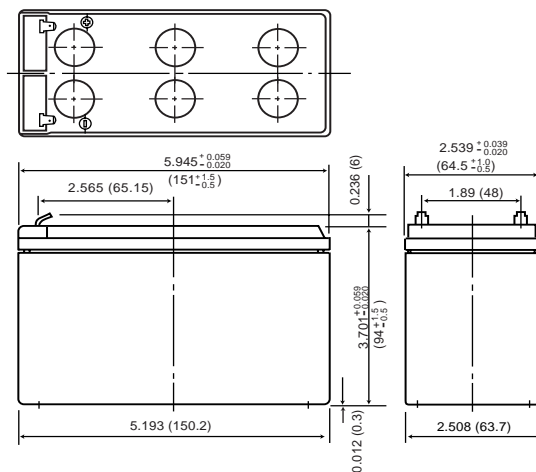


Photo/Label for reference only.

For main and standby power supplies.
Expected trickle life: 3-5 years at 25°C, Approx. 5 years at 20°C.

Dimensions (mm)

Terminal type: Faston 187 or Faston 250



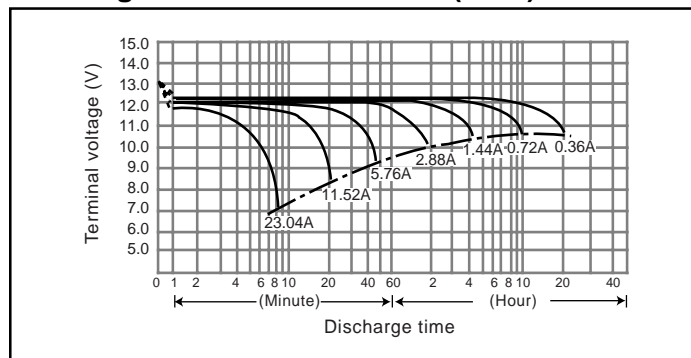
Battery case resin: Standard (UL94HB) Color is black.

Specifications

Nominal Voltage		12V
Rated Capacity (20 hour rate)		7.2Ah
Dimensions	Length	5.945 inches (151.0 mm)
	Width	2.539 inches (64.5 mm)
	Height	3.702 inches (94.0 mm)
	Total Height*	3.937 inches (100.0 mm)
Approx. mass		5.45 lbs. (2.47 kg)
Standard Terminals and Resin	UL94HB Faston 187	LC-R127R2P
	UL94HB Faston 250	LC-R127R2P1

* The total height with #250 terminal is 101.5mm.

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

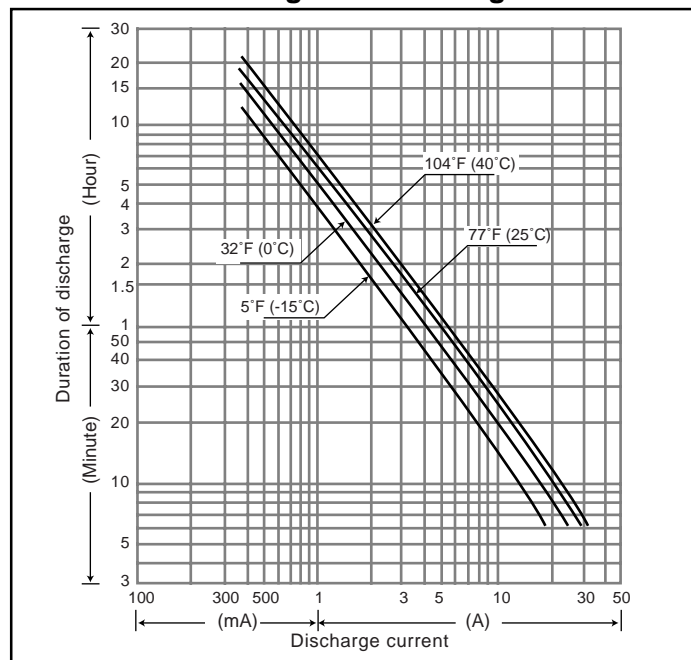


Characteristics

Capacity (note) 77°F (25°C)	20 hour rate (360mA)	7.2Ah	
	10 hour rate (680mA)	6.8Ah	
Internal Resistance	5 hour rate (1260mA)	6.3Ah	
	1 hour rate (4900mA)	4.9Ah	
Temperature dependency of capacity (20 hour rate)	1.5 hour rate discharge	3.5A	
	Cut-off voltage 10.5 V		
Self discharge 77°F (25°C)	Fully charged battery 77°F (25°C)	Approx. 40mΩ	
	104°F (40°C)	102%	
	77°F (25°C)	100%	
	32°F (0°C)	85%	
Charge Method (Constant Voltage)	Cycle use (Repeating use)	5°F (-15°C)	65%
		Residual capacity after standing 3 months	91%
	Trickle use	Residual capacity after standing 6 months	82%
Residual capacity after standing 12 months		64%	
Initial current	Initial current	2.88 A or smaller	
		Control voltage	14.5V to 14.9V (per 12V cell 25°C)
	Control voltage	1.08 A or smaller	
		Control voltage	13.6V to 13.8V (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)



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