LC-RA1212P

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

Photo/Label for reference only.

Specifications

Nominal Voltage		12V
Rated Capacity (20 hour rate)		12Ah
Dimensions	**Length**	5.945 inches (151.0 mm)
	Width	3.860 inches (98.0 mm)
	Height	3.702 inches (94.0 mm)
	Total Height*	3.937 inches (100.0 mm)
Approx. mass		8.36 lbs. (3.8 kg)
Standard Terminals and Resin	UL94HB Faston 187	LC-RA1212P
	UL94HB Faston 250	LC-RA1212P1

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

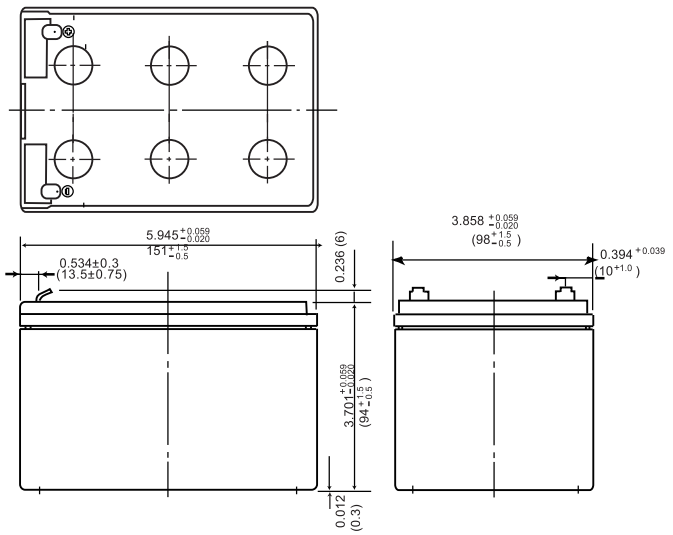
Characteristics

Capacity (note) 77˚F (25˚C)		20 hour rate (600mA) 10 hour rate (1130mA) 5 hour rate (2080mA) 1 hour rate (8100mA)	12Ah 11.3Ah 10.4Ah 8.1Ah
		1.5 hour rate discharge Cut-off voltage 10.5 V	5.8A
Internal Resistance		Fully charged battery 77˚F (25˚C)	Approx. 30mΩ
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)	Cycle use (Repeating use)	Initial current	4.8 A or smaller
		Control voltage	14.5V to 14.9V (per 12V cell 25˚C)
	Trickle use	Initial current	1.8 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.

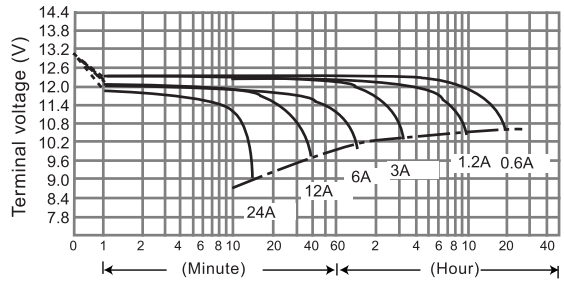
Dimensions (mm)

Terminal type: Faston 187 or Faston 250

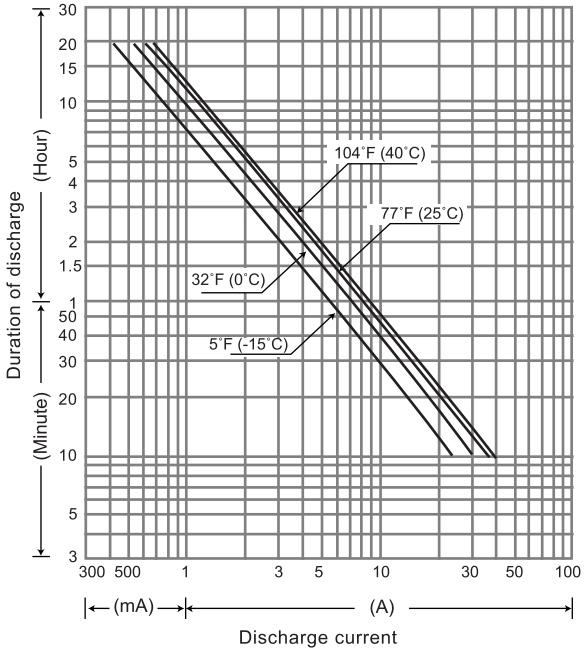


Battery case resin: Standard (UL94HB) Color is black.

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



Duration of discharge vs. Discharge current (Note)



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