

VALVE-REGULATED LEAD ACID BATTERIES: INDIVIDUAL DATA SHEET

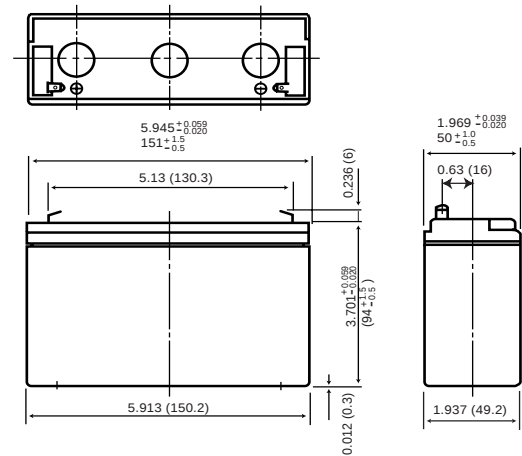
LC-P0612P

For standby power supplies. Expected trickle life: Approx. 6 years at 25°C, Approx. 10 years at 20°C.



Dimensions (mm)

Terminal type: Faston 187 or Faston 250



Battery case resin: Standard (UL94V-0) Color is grey.

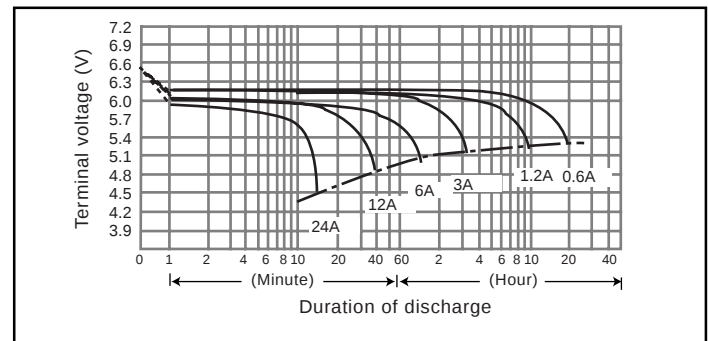
Specifications

Nominal Voltage		6V
Rated capacity (20 hour rate)		12Ah
Dimensions	Length	5.945 inches (151.0 mm)
	Width	1.969 inches (50.0 mm)
	Height	3.702 inches (94.0 mm)
	Total Height*	3.937 inches (100.0 mm)
Approx. mass		4.41 lbs. (2.0 kg)
Standard Terminals and Resin	UL94V-0 Faston 250	LC-P0612P1
Optional Terminals and Resin	UL94V-0 Faston 187	◆ LC-P0612P

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

◆ Please contact Panasonic for availability on optional items. Optional items may be subject to minimum order quantities.

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



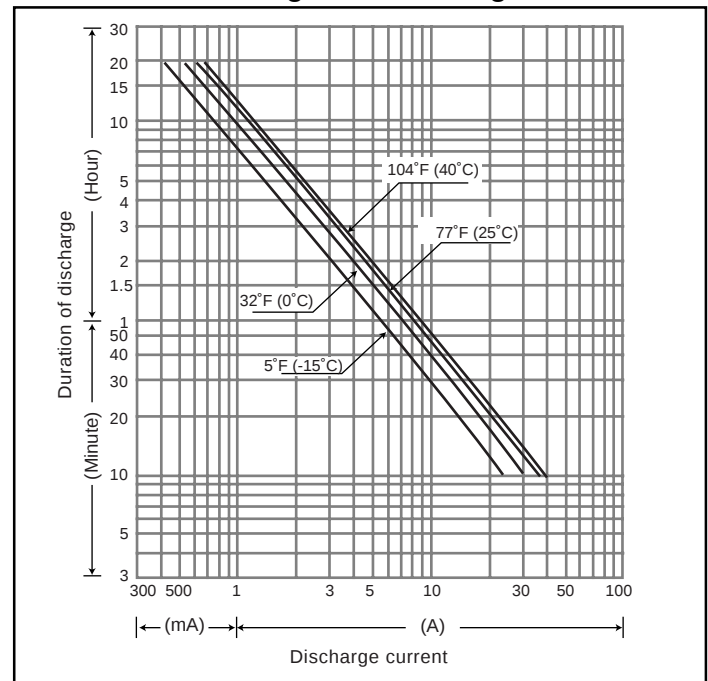
Characteristics

Capacity (note) 77°F (25°C)	20 hour rate (600mA)	12Ah
	10 hour rate (1130mA)	11.3Ah
	5 hour rate (2080mA)	10.4Ah
	1 hour rate (8100mA)	8.1Ah
	1.5 hour rate discharge Cut-off voltage 5.25 V	5.8A
Internal Resistance	Fully charged battery 77°F (25°C)	Approx. 15mΩ
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)	Trickle use	
	Initial current	1.8 A or smaller
	Control voltage	6.8V to 6.9V (per 6V cell 25°C)

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

(Note) For cycle use of the battery, please contact us in advance.

Duration of discharge vs. Discharge current (Note)



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