VALVE-REGULATED LEAD ACID BATTERIES: INDIVIDUAL DATA SHEET

LC-P0612P



Specifications

Nom	6V		
Rated capa	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.

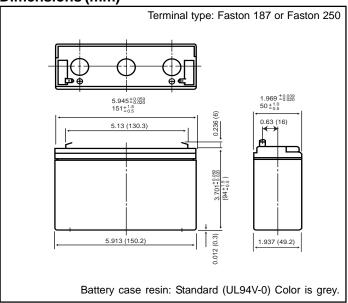
Characteristics

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 5.25 V	5.8A
Internal Resistance		Fully charged battery 77°F (25°C)	Approx. 15mΩ
Temperature dependency of capacity		104°F (40°C) 77°F (25°C) 32°F (0°C)	102% 100% 85%
(20 hour rate)		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		Initial current	1.8 A or smaller
Method (Constant Voltage)	Trickle use	Control voltage	6.8V to 6.9V (per 6V cell 25°C)

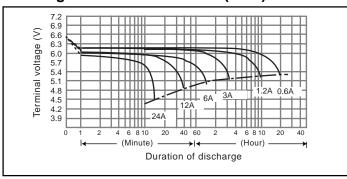
(Note) The above characteristics data are average values obtained within three charge/discharge. Cycles not the minimum values. (Note) For cycle use of the battery, please contact us in advance.

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

Dimensions (mm)



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



Duration of discharge vs. Discharge current (Note)

