



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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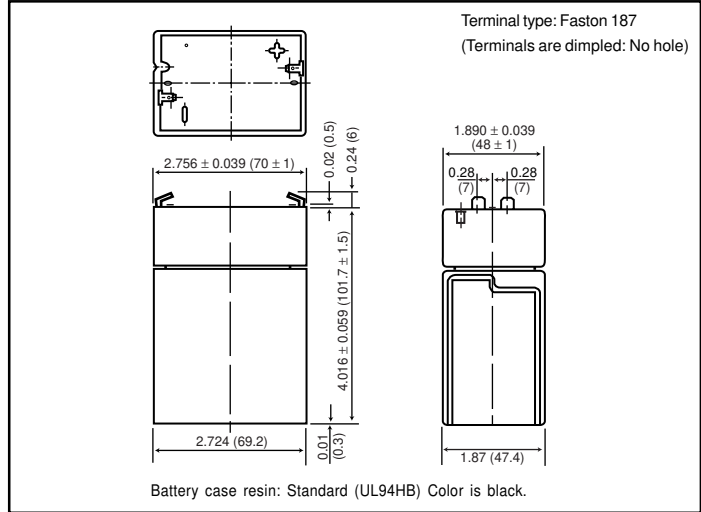
# VALVE-REGULATED LEAD ACID BATTERIES: INDIVIDUAL DATA SHEET

## LC-R064R2P



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

### Dimensions inch (mm)

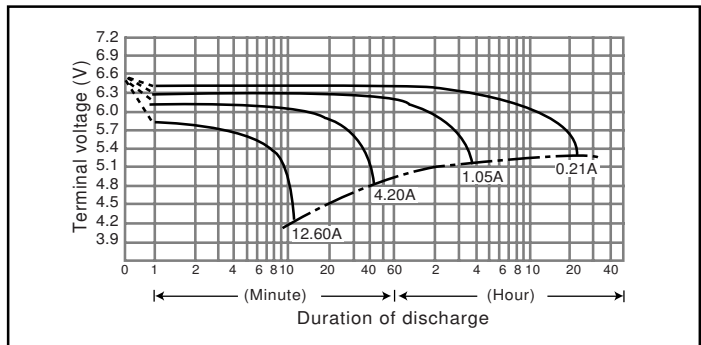


### Specifications

Nominal Voltage		6V
Rated Capacity (20 hour rate)		4.2Ah
Dimensions inch (mm)	Length	2.756 inches (70mm)
	Width	1.890 inches (48mm)
	Height	4.016 inches (102mm)
	Total height	4.255 inches (108mm)
Approx. mass		Approx. 1.72 lbs. (0.78kg)
Standard Terminals and Resin	UL94HB Faston 187	LC-R064R2P

◆ 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 (210mA)		4.2Ah
	10 hour rate (390mA)		3.9Ah
	5 hour rate (700mA)		3.5Ah
	1 hour rate (2800mA)		2.8Ah
	1.5 hour rate discharge Cut-off voltage 5.25 V		2.2A
Internal Resistance	Fully charged battery (77°F (25°C))		Approx. 20mΩ
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)	Cycle use (Repeating use)	Initial current	1.68 A or smaller
		Control voltage	Constant voltage; 7.25 to 7.45 V (per 6V cell 77°F (25°C))
	Trickle use	Initial current	4.20 A or smaller
		Control voltage	6.8 to 6.9V (per 6V cell 77°F (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)

