

# VALVE-REGULATED LEAD ACID BATTERIES: INDIVIDUAL DATA SHEET

## LC-R064R5P



### Specifications

<b>Nominal Voltage</b>		6V
<b>Rated Capacity (20 hour rate)</b>		4.5Ah
<b>Dimensions inch (mm)</b>	<b>Length</b>	2.756 inches (70mm)
	<b>Width</b>	1.890 inches (48mm)
	<b>Height</b>	4.016 inches (102mm)
	<b>Total height</b>	4.255 inches (108mm)
<b>Approx. mass</b>		Approx. 1.59 lbs. (720g)
<b>Standard Terminals and Resin</b>	UL94HB Faston 187	LC-R064R5P

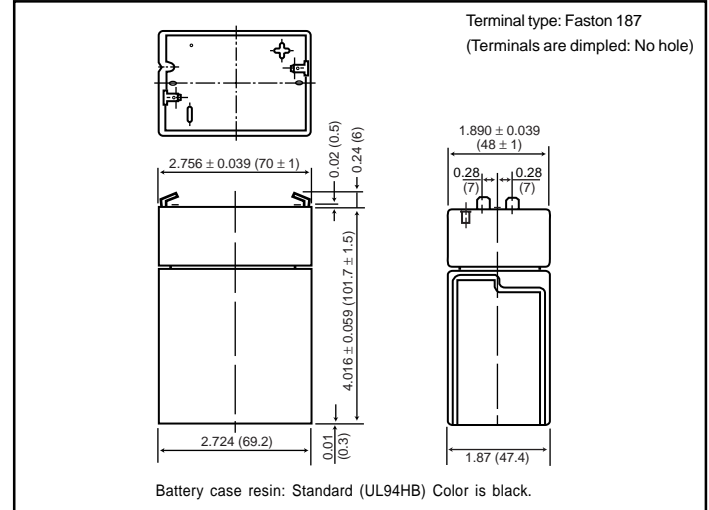
### Characteristics

Capacity (note) (77°F (25°C))	20 hour rate (225mA)	4.5Ah	
	10 hour rate (400mA)	4.0Ah	
	5 hour rate (720mA)	3.6Ah	
	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	1.80 A or smaller
		Control voltage	Constant voltage; 7.25 to 7.45 V (per 6V cell 77°F (25°C))
	Trickle use	Initial current	0.675 A or smaller
Control voltage		6.8 to 6.9V (per 6V cell 77°F (25°C))	

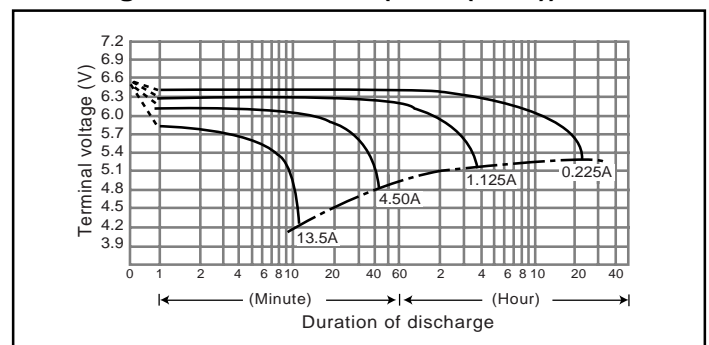
(Note) The above characteristics data are average values obtained within three charge/discharge cycles not the minimum values.

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

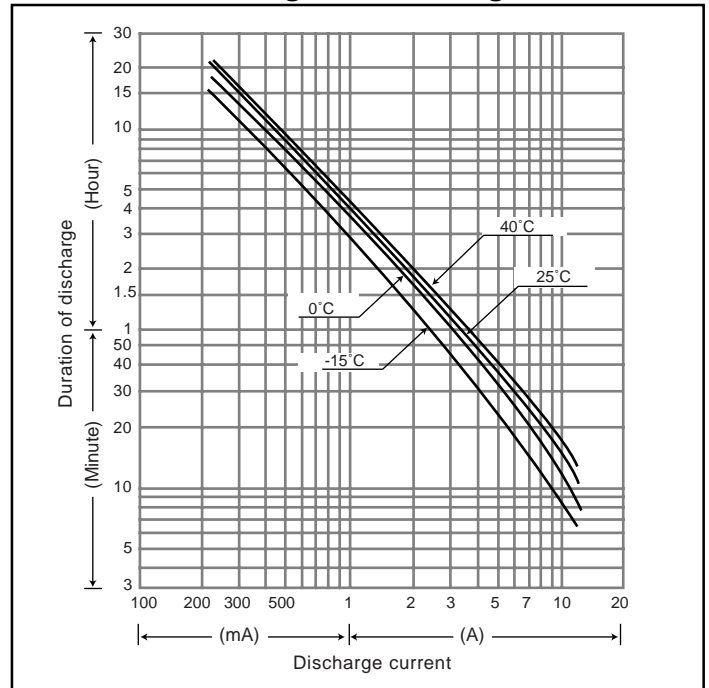
### Dimensions inch (mm)



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



### Duration of discharge vs. Discharge current (Note)



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