VALVE-REGULATED LEAD ACID BATTERIES: INDIVIDUAL DATA SHEET

LC-R064R5P

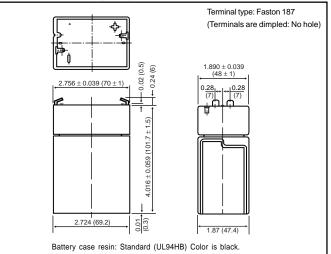


Specifications

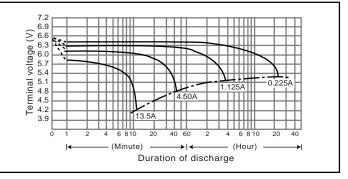
Nominal Voltage		6V		
Rated Capacity (20 hour rate)		4.5Ah		
Dimensions inch (mm)	Length	2.756 inches (70mm)		
	Width	1.890 inches (48mm)		
	Height	4.016 inches (102mm)		
	Total height	4.255 inches (108mm)		
Approx. mass		Approx. 1.59 lbs. (720g)		
Standard Terminals and Resin	UL94HB Faston 187	LC-R064R5P		

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

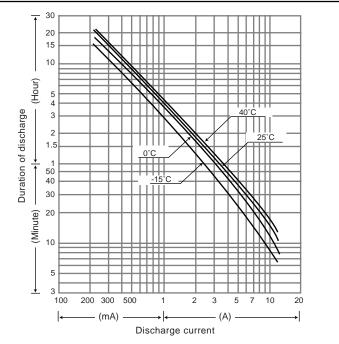
Dimensions inch (mm)



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



Duration of discharge vs. Discharge current (Note)



Characteristics

Capacity ^(note) (77°F (25°C))		20 hour rate (225mA) 10 hour rate (400mA) 5 hour rate (720mA) 1 hour rate (2800mA)	4.5Ah 4.0Ah 3.6Ah 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. 20m Ω	
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 Control voltage	1.80 A or smaller 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				

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

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VRLA BATTERIES

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