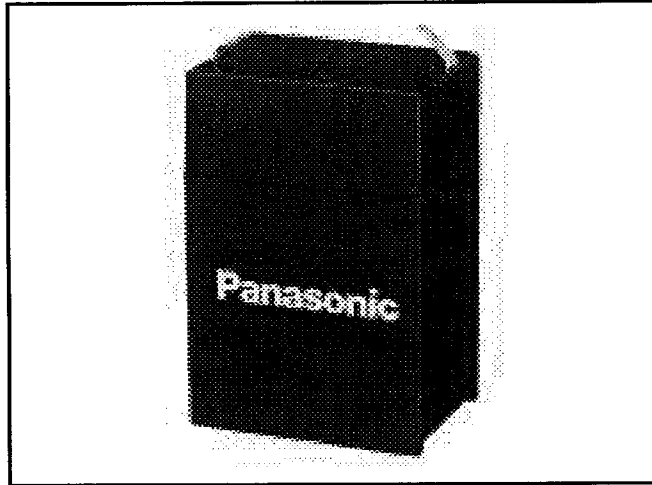


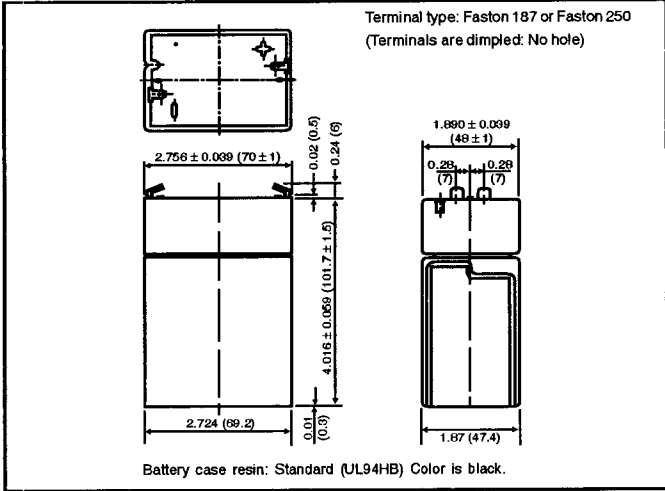
SEALED LEAD ACID BATTERIES: INDIVIDUAL DATA SHEET

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)

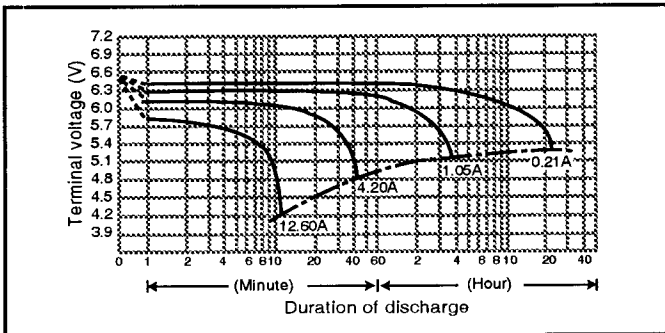


Specifications

Nominal voltage		6V
Rated capacity (20 hour rate)		4.2Ah
Dimensions inch (mm)	Total height	4.255 inches (108mm)
	Height	4.016 inches (102mm)
	Length	2.756 inches (70mm)
	Width	1.890 inches (48mm)
Approx. Mass		Approx. 1.72 lbs. (0.78kg)
Standard Terminals and Resin	UL94HB Faston 187	LC-R064R2P
Optional Terminals and Resin	UL94HB Faston 187/250	◆LC-R064R2P2

◆ 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
Internal resistance	5 hour rate (700mA)	3.5Ah
	1 hour rate (2800mA)	2.8Ah
Temperature dependency of capacity (20 hour rate)	1.5 hour rate discharge Cut-off voltage 5.25 V	2.2A
	Fully charged battery (77°F (25°C))	Approx. 20mΩ
Self discharge (77°F (25°C))	104°F (40°C)	102%
	77°F (25°C)	100%
	32°F (0°C)	85%
	5°F (-15°C)	65%
Charge Method (Constant Voltage)	Residual capacity after standing 3 months	91%
	Residual capacity after standing 6 months	82%
	Residual capacity after standing 12 months	64%
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	0.63 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)

