

SEALED LEAD ACID BATTERIES: INDIVIDUAL DATA SHEET

LC-RB064P



Photo/Label for reference only.

Specifications

Nominal voltage		6V
Rated capacity (20 hour rate)		4.0Ah
Dimensions	Length	2.756 inches (70.0 mm)
	Width	1.850 inches (47.0 mm)
	Height	4.016 inches (102.0 mm)
	Total Height*	4.252 inches (108.0 mm)
Approx. mass		1.98 lbs (0.90 kg)
Standard Terminals and Resin	UL94HB Faston 187	LC-RB064P
	UL94HB Faston 250	LC-RB064P1
Optional Terminals and Resin	UL94HB Faston 187/250	◆ LC-RB064P2

* The total height with #250 terminal is 109.5mm.

◆ 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 (200mA)	4Ah
		10 hour rate (370mA)	3.7Ah
		5 hour rate (660mA)	3.3Ah
		1 hour rate (2700mA)	2.7Ah
		1.5 hour rate discharge Cut-off voltage 5.25 V	1.9A
Internal resistance		Fully charged battery 77°F (25°C)	Approx. 25mΩ
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	1.6 A or smaller
		Control voltage	7.25V to 7.45 V (per 6V cell 25°C)
	Trickle use	Initial current	0.6 A or smaller
		Control voltage	6.8V to 6.9V (per 6V cell 25°C)

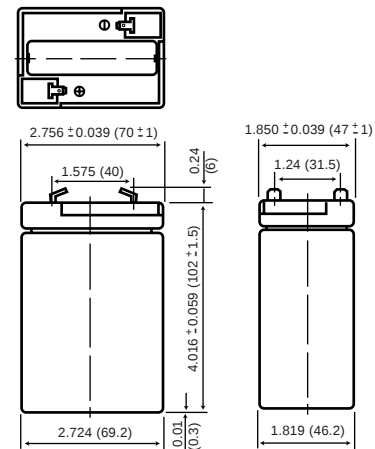
(Note) The above characteristics data are average values obtained within three charge/discharge. Cycles not the minimum values.

For main and standby power supplies.

Expected trickle life: 3-5 years at 25°C, Approx. 5 years at 20°C.

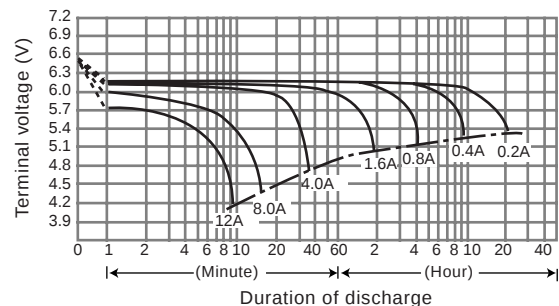
Dimensions (mm)

Terminal type: Faston 187 or Faston 250



Battery case resin: Standard (UL94HB) Color is black.

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



Duration of discharge vs. Discharge current (Note)

