VALVE-REGULATED LEAD ACID BATTERIES: INDIVIDUAL DATA SHEET

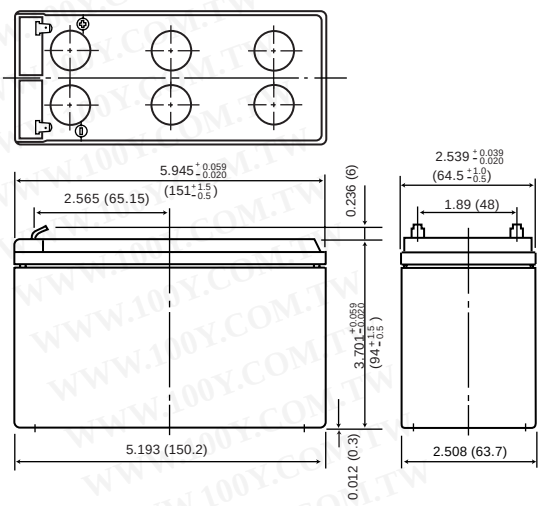
LC-R127R2P

Photo/Label for reference only.

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.
Optional (UL94V-0) Color is grey.

Specifications

Nominal voltage		12V
Rated capacity (20 hour rate)		7.2Ah
Dimensions	Length	5.945 inches (151.0 mm)
	Width	2.539 inches (64.5 mm)
	Height	3.702 inches (94.0 mm)
	Total Height*	3.937 inches (100.0 mm)
Approx. mass		5.45 lbs (2.47 kg)
Standard Terminals and Resin	UL94HB Faston 187	LC-R127R2P
	UL94HB Faston 250	LC-R127R2P1
Optional Terminals and Resin	UL94V-0 Faston 187	♦ LC-V127R2P
	UL94V-0 Faston 250	♦ LC-V127R2P1

* The total height with #250 terminal is 101.5mm.

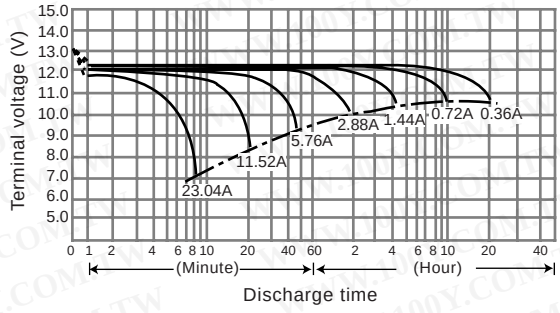
♦ Please contact Panasonic for availability on optional items. Optional items may be subject to minimum order quantities.

Characteristics

Capacity (note) 77°F (25°C)	20 hour rate (360mA) 10 hour rate (680mA) 5 hour rate (1260mA) 1 hour rate (4900mA)	7.2Ah 6.8Ah 6.3Ah 4.9Ah
	1.5 hour rate discharge Cut-off voltage 10.5 V	3.5A
Internal resistance	Fully charged battery 77°F (25°C)	Approx. 40mΩ
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	2.88 A or smaller
	Control voltage	14.5V to 14.9 V (per 12V cell 25°C)
Charge Method (Constant Voltage) — Trickle use	Initial current	1.08 A or smaller
	Control voltage	13.6V to13.8V (per 12V cell 25°C)

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

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



Duration of discharge vs. Discharge current (Note)