

VALVE-REGULATED LEAD ACID BATTERIES: INDIVIDUAL DATA SHEET

LC-RD1217P/LC-RD1217AP



Photo/Label for reference only.

(a) The photo and dimensions represent LC-RD1217P

Specifications

Nominal voltage		12V
Rated capacity (20 hour rate)		17Ah
Dimensions	Length	7.126 inches (181.0 mm)
	Width	2.992 inches (76.0 mm)
	Height	6.575 inches (167.0 mm)
	Total Height	6.575 inches (167.0 mm)
Approx. mass		14.34 lbs (6.5 kg)
Standard Terminals and Resin	UL94HB M5 Bolt and Nut	LC-RD1217P
	UL94HB M5 Threaded Post	◆ LC-RD1217AP
Optional Terminals and Resin	UL94V-0 M5 Bolt and Nut	◆ LC-VD1217P
	UL94V-0 M5 Threaded Post	◆ LC-VD1217AP

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

Characteristics

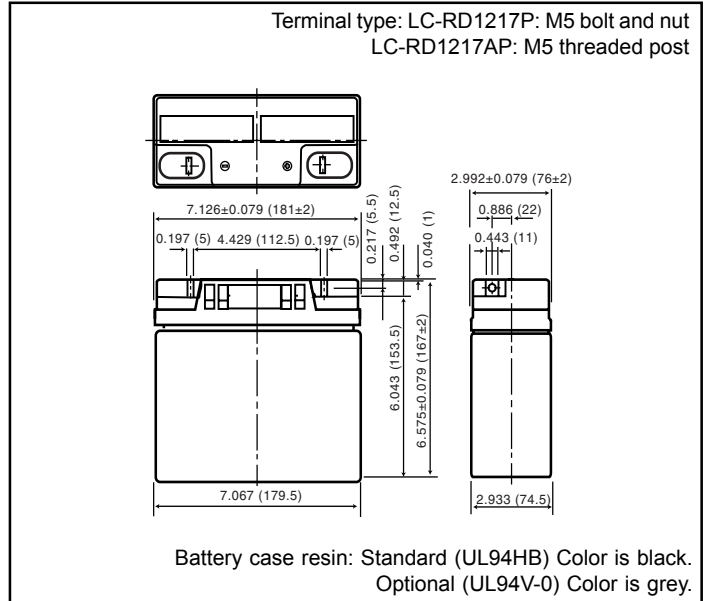
Capacity (note) 77°F (25°C)	20 hour rate (850mA)	17Ah	
	10 hour rate (1500mA)	15Ah	
	5 hour rate (2600mA)	13Ah	
	1 hour rate (10000mA)	10Ah	
	1.5 hour rate discharge Cut-off voltage 10.5 V	7A	
Internal resistance	Fully charged battery 77°F (25°C)	Approx. 12mΩ	
Temperature dependency of capacity (20 hour 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	6.8 A or smaller
		Control voltage	14.5V to 14.9 V (per 12V cell 25°C)
	Trickle use	Initial current	2.55 A or smaller
		Control voltage	13.6V to 13.8V (per 12V cell 25°C)

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

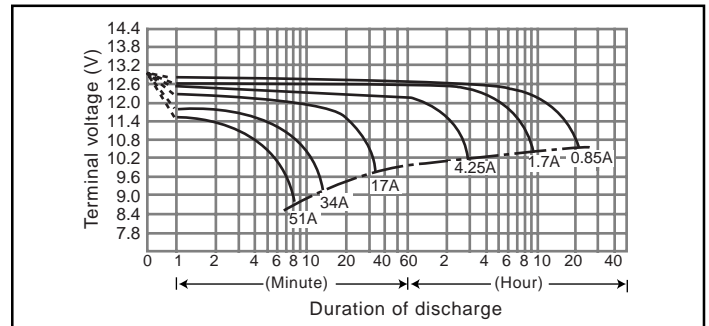
(Note) For cycle use of the battery, please contact us in advance.

For main and standby power supplies. Expected trickle life: Approx 3-5 years at 25°C, Approx. 10 years at 20°C.

Dimensions (mm)



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



Duration of discharge vs. Discharge current (Note)

