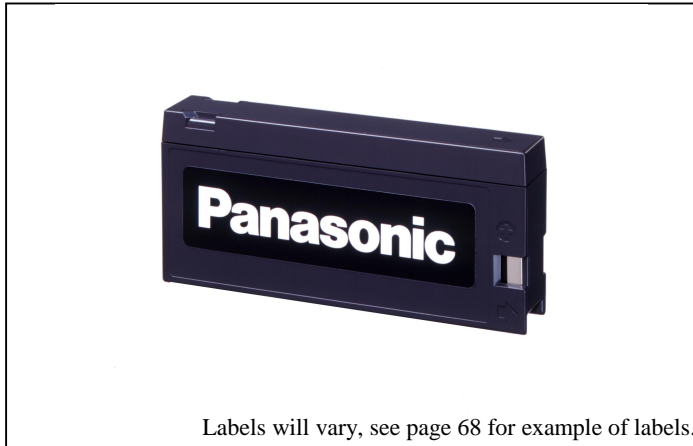
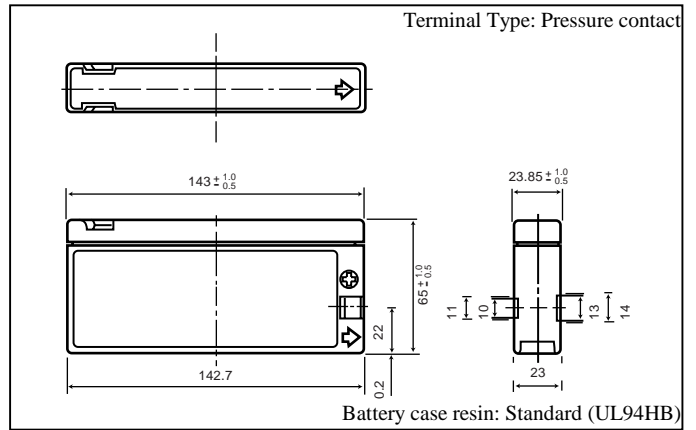


**LC-SD122PU**



For main power supplies – Built-in thermostat type.  
This battery is designed for applications that will discharge from 0.05CA to 4 A drain. If you are interested in using this battery for an application with a different discharge current, please consult Panasonic.

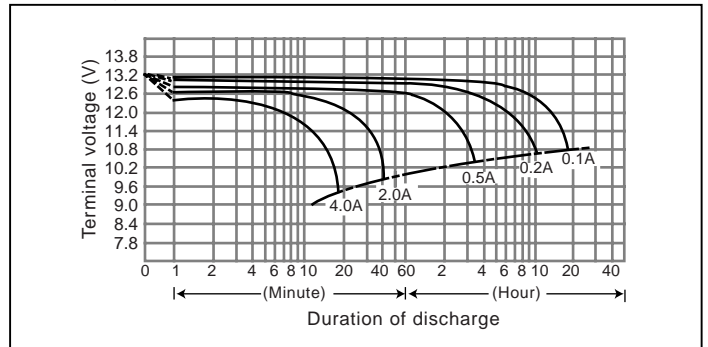
**Dimensions (mm)**



**Specifications**

Nominal voltage		12V
Nominal capacity (20 hour rate)		2.0Ah
Dimensions	Length	143.5 mm
	Width	23.85 mm
	Height	65.0 mm
	Total Height	65.0 mm
Approx. mass		0.59 kg
Country of origin		Japan

**Discharge characteristics (25°C) (note)**



**Characteristics**

Capacity (note) (25°C)	20 hour rate (95mA)	1.90Ah
	10 hour rate (185mA)	1.85Ah
Internal resistance	5 hour rate (340mA)	1.70Ah
	1 hour rate (1400mA)	1.40Ah
	1.5 hour rate discharge Cut-off voltage 10.5 V	1.0A
Temperature dependency of capacity (10 hour rate)	Fully charged battery (25°C)	Approx. 70mΩ
	40°C	102 %
	25°C	100 %
	0°C	85 %
Self discharge (25°C)	-15°C	65 %
	Residual capacity after standing 3 months	90%
	Residual capacity after standing 6 months	80%
Charge method	Residual capacity after standing 12 months	60%
	Cycle use (6 to 15 hours)	Initial current
Cycle use (1.5 to 2 hours)		Control voltage
	Cycle use (6 to 15 hours)	Initial current
Cycle use (1.5 to 2 hours)		Control voltage

(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)**

