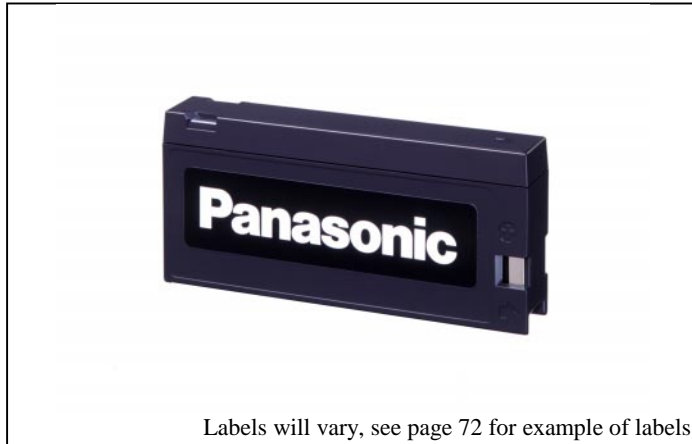
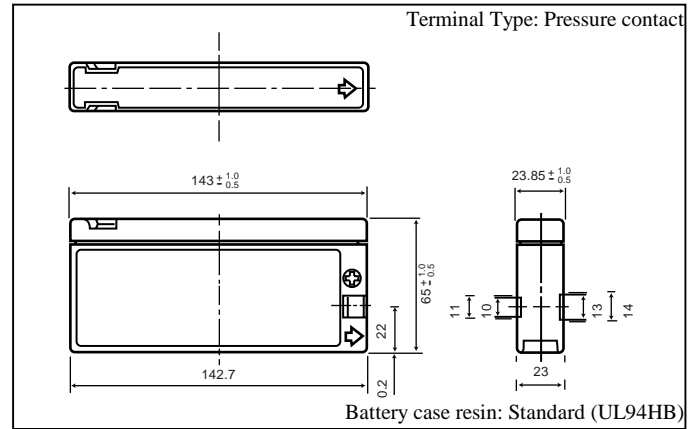


LC-SD122PU



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.

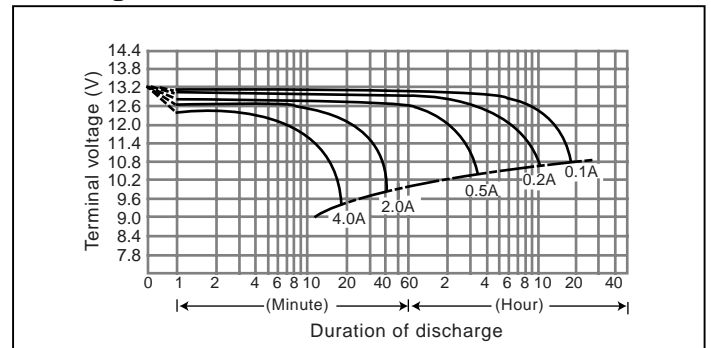
Dimensions (mm)



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

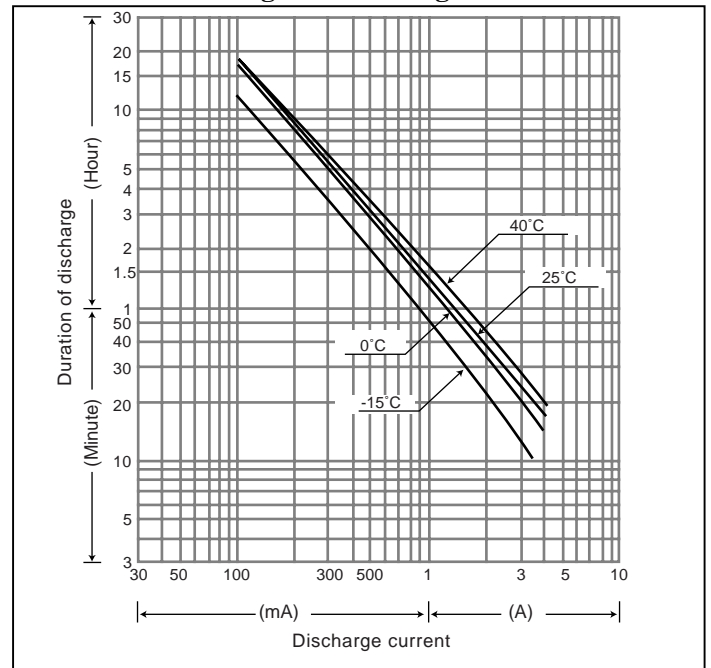
Discharge characteristics (25°C) (note)



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	1.00A	
Temperature dependency of capacity (20 hour rate)	Fully charged battery (25°C)	Approx. 70mΩ	
	40°C	102 %	
	25°C	100 %	
Self discharge (25°C)	0°C	85 %	
	-15°C	65 %	
	Residual capacity after standing 3 months	90%	
Charge Method (Constant Voltage)	Residual capacity after standing 6 months	80%	
	Residual capacity after standing 12 months	60%	
	Cycle use (6 to 15 hours)	Initial current	0.80 A or smaller
Control voltage (per 12V cell 25°C)		14.5V to 14.9V	
Cycle use (1.5 to 2 hours)		Initial current	1.60 A or smaller
		Control voltage (per 12V cell 25°C)	14.7V to 14.9V

Duration of discharge vs. Discharge current (note)



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