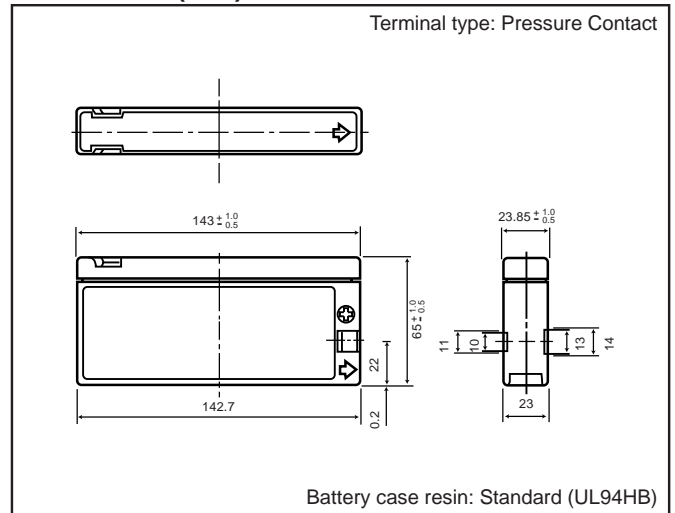


LC-SD122PU



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

Dimensions (mm)



Specifications

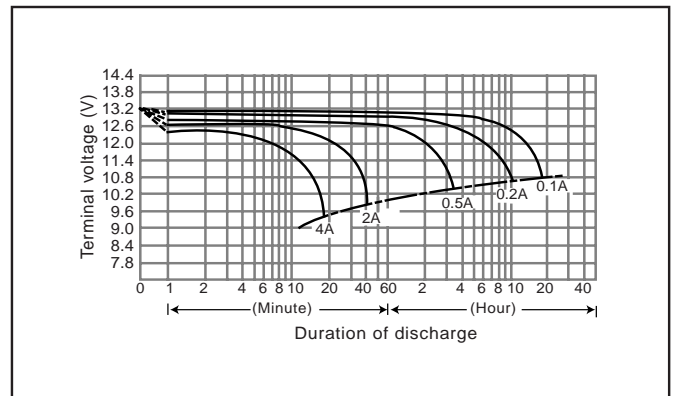
Nominal voltage		12V
Nominal capacity (20 hour rate)		2Ah
Dimensions	Length	143.5 mm
	Width	23.85 mm
	Height	65 mm
	Total Height	65 mm
Approx. mass		0.59 kg

Characteristics

Capacity (note) (25°C)	20 hour rate (95mA)	1.90Ah	
	10 hour rate (185mA)	1.85Ah	
	5 hour rate (340mA)	1.70Ah	
	1 hour rate (1400mA)	1.40Ah	
1.5 hour rate discharge Cut-off voltage 10.5 V		1A	
Internal resistance	Fully charged battery (25°C)	Approx. 70mΩ	
Temperature dependency of capacity (20 hour rate)	40°C	102%	
	25°C	100%	
	0°C	85%	
	-15°C	65%	
Self discharge (25°C)	Residual capacity after standing 3 months	90%	
	Residual capacity after standing 6 months	80%	
	Residual capacity after standing 12 months	60%	
Charge Method (Constant Voltage)	Cycle use (6 to 15 hours)	Initial current	0.8 A or smaller
		Control voltage	14.5V to 14.9V (per 12V cell 25°C)
	Cycle use (1.5 to 2 hours)	Initial current	1.6 A or smaller
		Control voltage	14.7V to 14.9V (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 (25°C) (Note)



Duration of discharge vs. Discharge current (Note)

