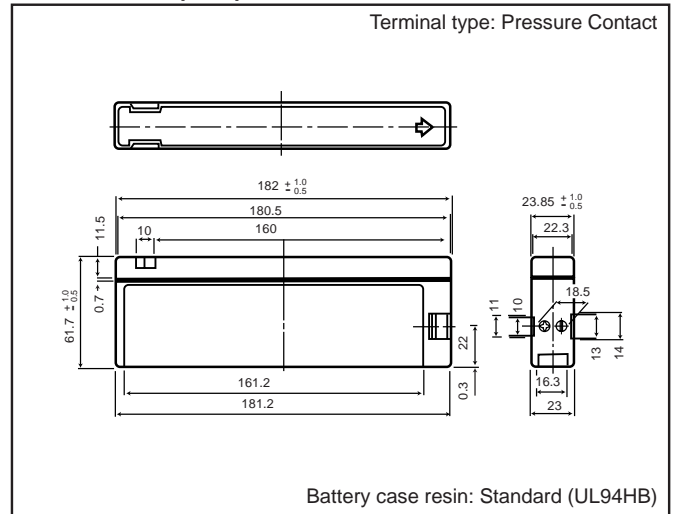


LC-SA122R3AU



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.

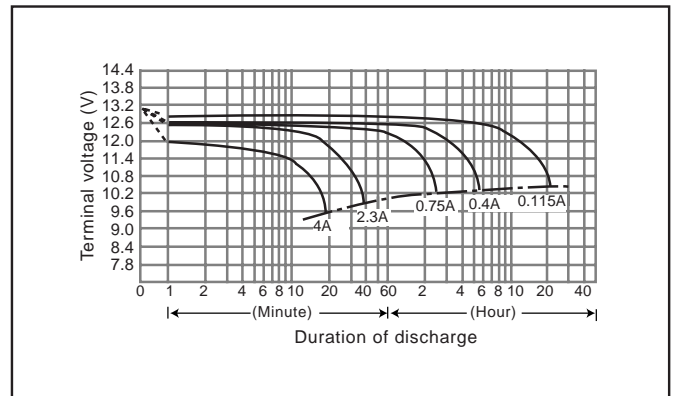
Dimensions (mm)



Specifications

Nominal voltage		12V
Nominal capacity (20 hour rate)		2.3Ah
Dimensions	Length	182 mm
	Width	23.85 mm
	Height	61.7 mm
	Total Height	61.7 mm
Approx. mass		0.635 kg

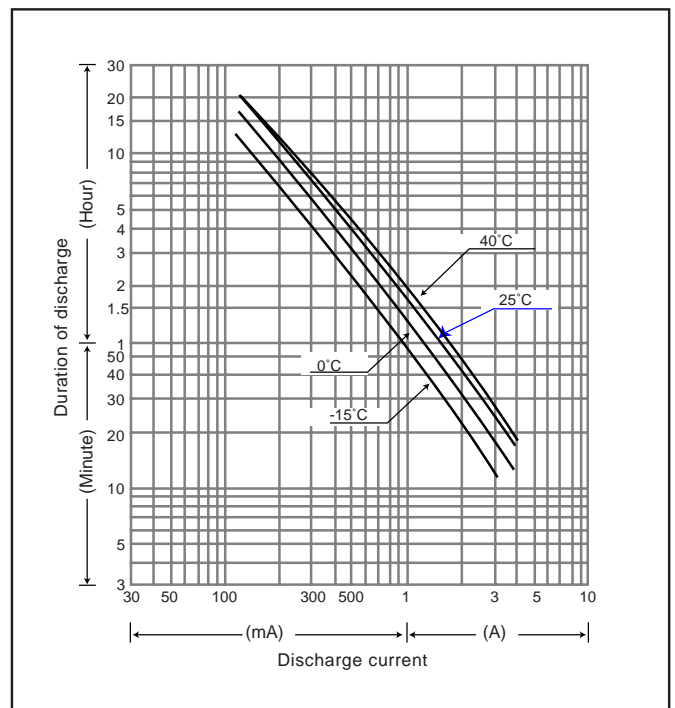
Discharge characteristics (25°C) (Note)



Characteristics

Capacity (note) (25°C)	20 hour rate (115mA)	2.30Ah	
	10 hour rate (220mA)	2.20Ah	
Dimensions	5 hour rate (410mA)	2.05Ah	
	1 hour rate (1600mA)	1.60Ah	
	1.5 hour rate discharge Cut-off voltage 10.5 V	1.1A	
Internal resistance	Fully charged battery (25°C)	Approx. 100mΩ	
Temperature dependency of capacity (20 hour rate)	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 (Constant Voltage)	Cycle use (6 to 15 hours)	Initial current	0.92 A or smaller
		Control voltage	14.5V to 14.9 V (per 12V cell 25°C)
	Cycle use (1.5 to 2 hours)	Initial current	1.8 A or smaller
		Control voltage	14.7V to 14.9V (per 12V cell 25°C)

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.