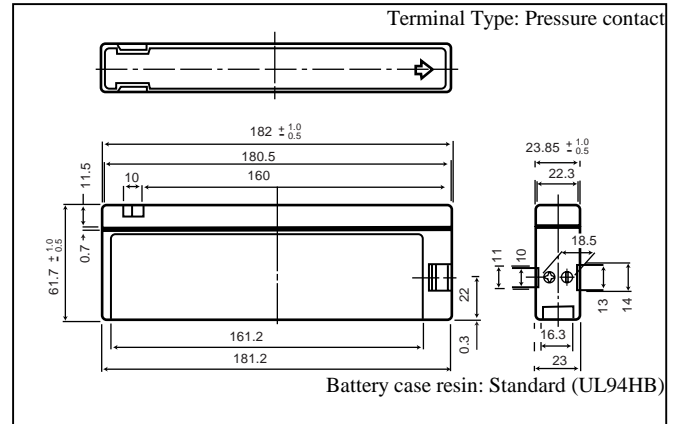


LC-SA122R3AU



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.

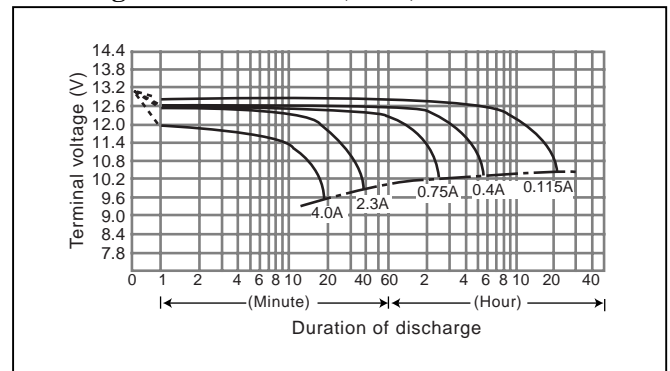
Dimensions (mm)



Specifications

Nominal voltage	12V	
Nominal capacity (20 hour rate)	2.3Ah	
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
Internal resistance	5 hour rate (410mA)	2.05Ah
	1 hour rate (1600mA)	1.60Ah
Temperature dependency of capacity (20 hour rate)	1.5 hour rate discharge	1.10A
	Cut-off voltage 10.5 V	
Self discharge (25°C)	Fully charged battery (25°C)	Approx. 100mΩ
	Residual capacity after standing 3 months	102 %
	Residual capacity after standing 6 months	100 %
	Residual capacity after standing 12 months	85 %
Charge Method (Constant Voltage)	40°C	65 %
	25°C	
	0°C	
	-15°C	
Cycle use (6 to 15 hours)	Residual capacity after standing 3 months	90%
	Residual capacity after standing 6 months	80%
Cycle use (1.5 to 2 hours)	Residual capacity after standing 12 months	60%
	Initial current	0.92 A or smaller
Control voltage (per 12V cell 25°C)	Control voltage	14.5V to 14.9 V
	Initial current	1.80 A or smaller
Control voltage (per 12V cell 25°C)	Control voltage	14.7V to 14.9 V

(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)

