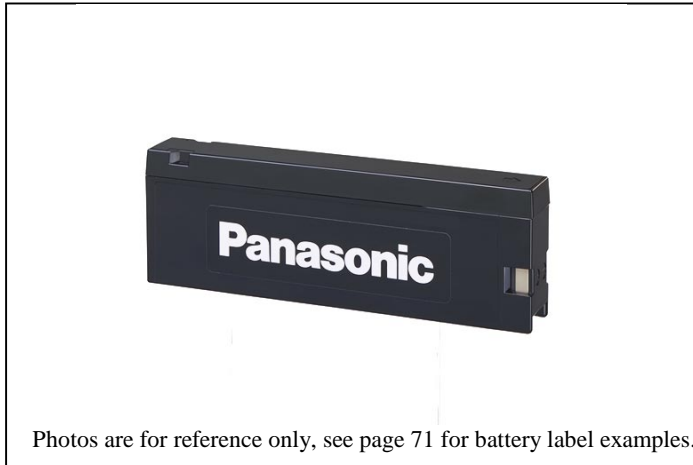


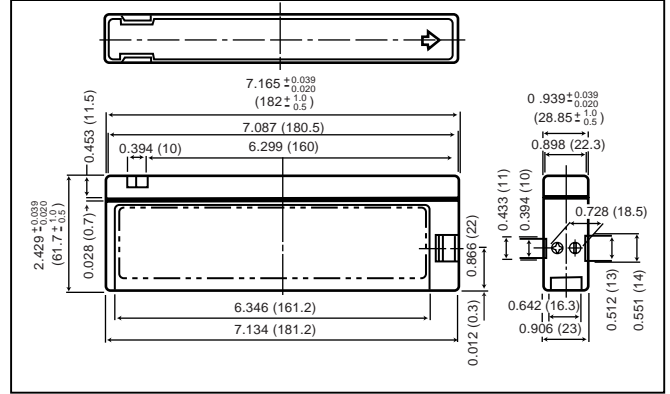
# INDIVIDUAL SPECIFICATIONS

## LC-SA122R3P(a)

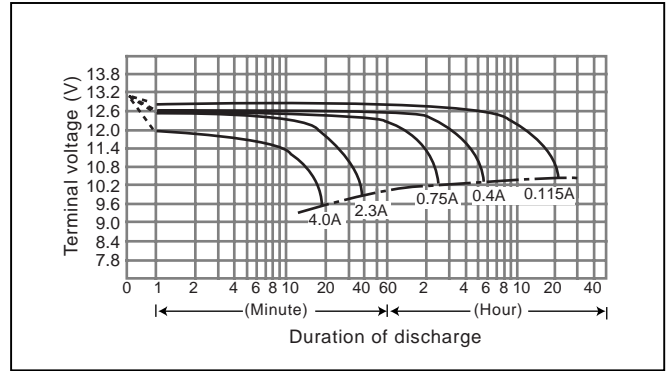


This battery is designed for applications which will discharge from 0.5 to 4 A drain. If you are attempting to use this battery for an application with a different discharge current, please contact Panasonic.

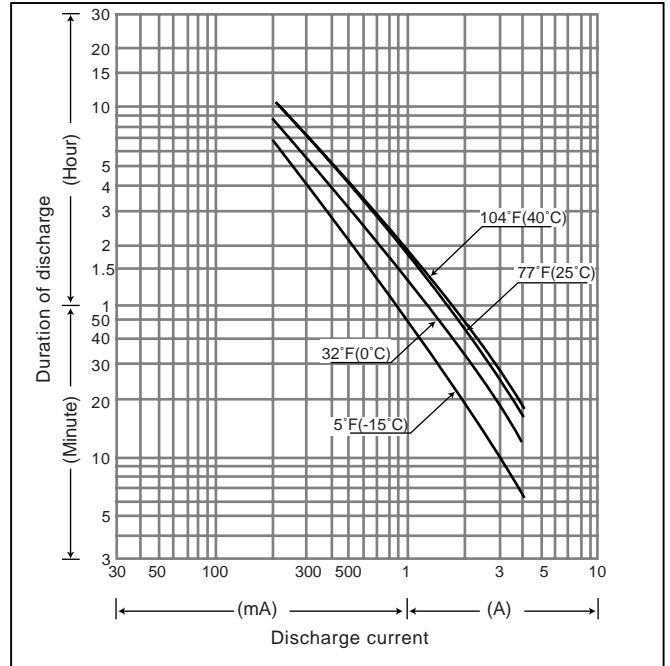
### Dimensions inch (mm)



### Discharge characteristics (77°F (25°C)) (note)



### Duration of discharge vs. Discharge current (note)



(a) Add applicable codes for terminal type, destination country, etc. (see page 21)

## Specifications

Nominal voltage		12V
Nominal capacity (20 hour rate)		2.3Ah
Dimensions inch (mm)	Total height	2.429 inch (61.7mm)
	Height	2.429 inch (61.7mm)
	Length	7.165 inch (182mm)
	Width	0.939 inch (23.85mm)
Mass		Approx. 1.40 lbs. (0.635kg)

## Characteristics

Capacity (note) (77°F (25°C))	20 hour rate (115mA)	2.30Ah
	10 hour rate (220mA)	2.25Ah
Internal resistance	5 hour rate (410mA)	2.05Ah
	1 hour rate (1600mA)	1.60Ah
Temperature dependency of capacity (10 hour rate)	1.5 hour rate discharge Cut-off voltage 10.5 V	1.1A
	Fully charged battery (77°F (25°C))	Approx. 100mΩ
	104°F (40°C)	102 %
	77°F (25°C)	100 %
Self discharge (77°F (25°C))	32°F (0°C)	85 %
	5°F (-15°C)	65 %
	Residual capacity after standing 3 months	90%
Terminal	Residual capacity after standing 6 months	80%
	Residual capacity after standing 12 months	60%
	Pressure contact type	
Charge method	Cycle use (6 to 15 hours)	Initial current: 0.92 A or smaller Control voltage: Constant voltage; 14.5 to 14.9 V (per 12V cell 77°F (25°C))
	Cycle use (1.5 to 2 hours)	Initial current: 1.80 A or smaller Control voltage: Constant voltage; 14.7 to 14.9 V (per 12V cell 77°F (25°C))

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