

# SEALED LEAD ACID BATTERIES: INDIVIDUAL DATA SHEET

## LC-TA122PU



### Specifications

Nominal voltage		12V
Rated capacity (20 hour rate)		2.0Ah
Dimensions	Length	7.165 inches (182.0 mm)
	Width	0.939 inches (23.85 mm)
	Height	2.429 inches (61.7 mm)
	Total Height	2.429 inches (61.7 mm)
Approx. mass		1.40 lbs (0.635 kg)
Standard Terminals and Resin	UL94HB Pressure Contact	LC-TA122PU
Optional Terminals and Resin	UL94V-0 Pressure Contact	◆ LC-PA122PU

◆ Please contact Panasonic for availability on optional items. Optional items may be subject to minimum order quantities.

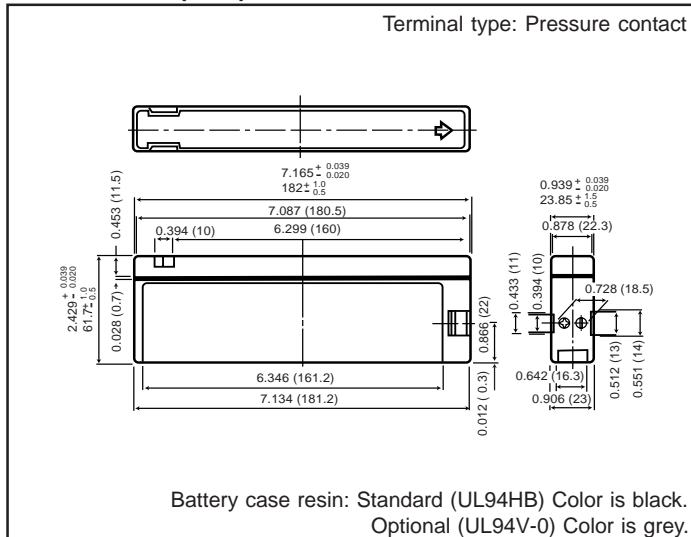
### Characteristics

Capacity <sup>(note)</sup> 77°F (25°C)	20 hour rate (100mA)	2Ah	
	10 hour rate (190mA)	1.9Ah	
Internal resistance	5 hour rate (350mA)	1.75Ah	
	1 hour rate (1400mA)	1.4Ah	
	1.5 hour rate discharge Cut-off voltage 10.5 V	1A	
Temperature dependency of capacity (20 hour rate)	Fully charged battery 77°F (25°C)	Approx. 80mΩ	
	104°F (40°C)	102%	
	77°F (25°C)	100%	
	32°F (0°C)	85%	
Self discharge 77°F (25°C)	5°F (-15°C)	65%	
	Residual capacity after standing 3 months	90%	
	Residual capacity after standing 6 months	80%	
Charge Method (Constant Voltage)	Cycle use (Repeating use)	Residual capacity after standing 12 months	60%
		Initial current	0.8 A or smaller
	Trickle use	Control voltage	14.5V to 14.9 V (per 12V cell 25°C)
		Initial current	0.3 A or smaller
		Control voltage	13.6V to 13.8V (per 12V cell 25°C)

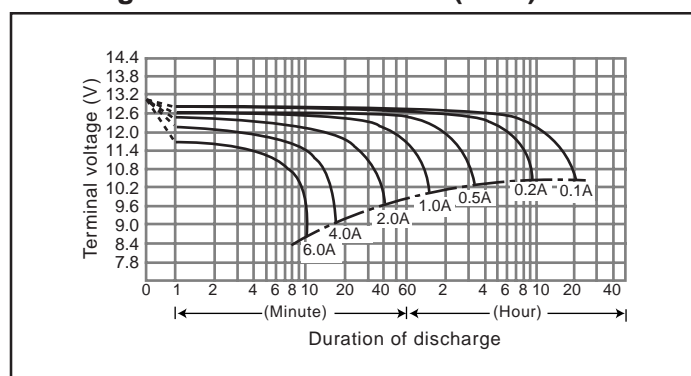
(Note) The above characteristics data are average values obtained within three charge/discharge. Cycles not the minimum values.

For main and standby power supplies. Expected trickle life: Approx. 6 years at 25°C, Approx. 10 years at 20°C.

### Dimensions (mm)



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



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

