

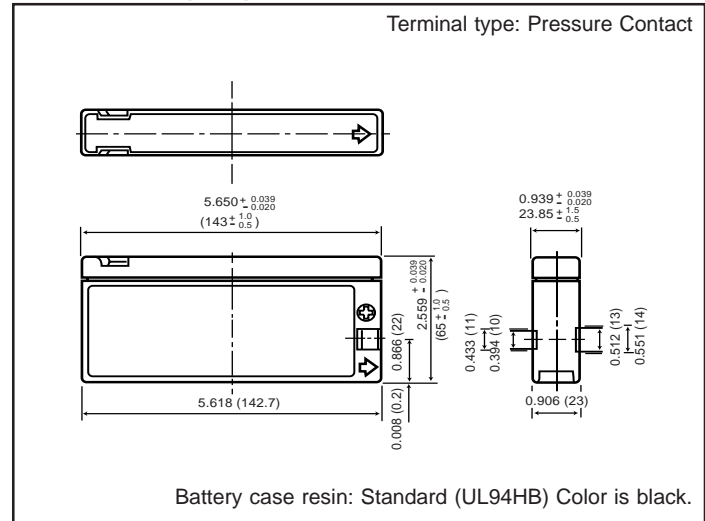
SEALED LEAD ACID BATTERIES: INDIVIDUAL DATA SHEET

LC-SD122EU



For main power supplies - Built-in thermostatic 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.

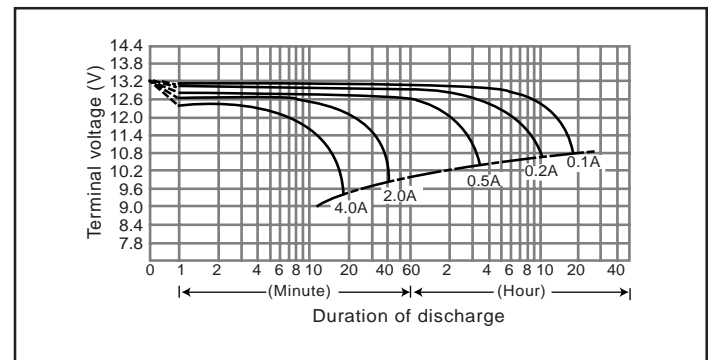
Dimensions (mm)



Specifications

Nominal voltage		12V
Rated capacity (20 hour rate)		2.0Ah
Dimensions	Length	5.650 inches (143.5 mm)
	Width	0.939 inches (23.85 mm)
	Height	2.559 inches (65.00 mm)
	Total Height	2.559 inches (65.00 mm)
Approx. mass		1.30 lbs (0.59 kg)
Standard Terminals and Resin	UL94HB Pressure Contact	LC-SD122EU

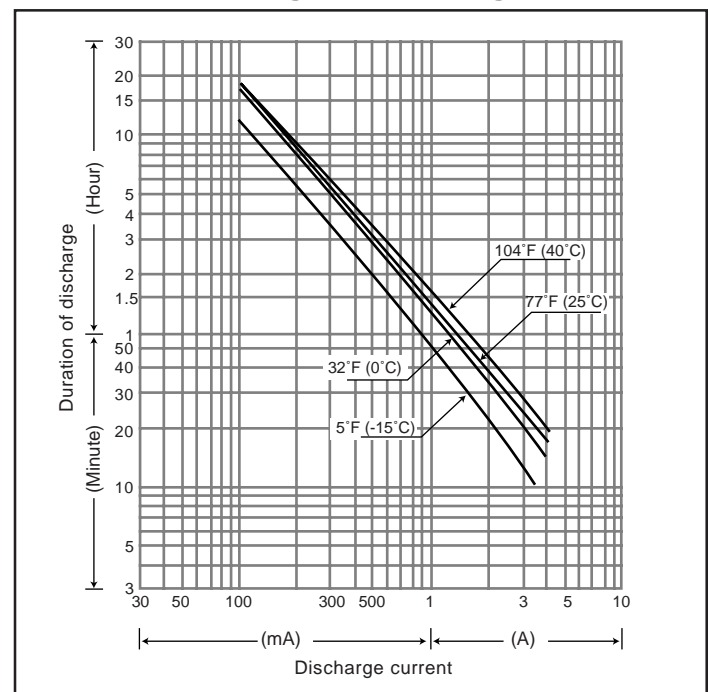
Discharge characteristics 77°F (25°C) (Note)



Characteristics

Capacity (note) 77°F (25°C)	20 hour rate (95mA)	1.9Ah	
	10 hour rate (185mA)	1.85Ah	
	5 hour rate (340mA)	1.7Ah	
	1 hour rate (1400mA)	1.4Ah	
	1.5 hour rate discharge Cut-off voltage 10.5 V	1A	
Internal resistance	Fully charged battery 77°F (25°C)	Approx. 70mΩ	
Temperature dependency of capacity (20 hour rate)	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 (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)

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.