

SEALED LEAD ACID BATTERIES: INDIVIDUAL DATA SHEET

LC-SA122R3EU



Photo/Label for reference only.

Specifications

| | | |
|-------------------------------|-------------------------|-------------------------|
| Nominal voltage | | 12V |
| Rated capacity (20 hour rate) | | 2.3Ah |
| Dimensions | Length | 7.165 inches (182.0 mm) |
| | Width | 0.939 inches (23.85 mm) |
| | Height | 2.429 inches (61.70 mm) |
| | Total Height | 2.429 inches (61.70 mm) |
| Approx. mass | | 1.40 lbs (0.635 kg) |
| Standard Terminals and Resin | UL94HB Pressure Contact | LC-SA122R3EU |

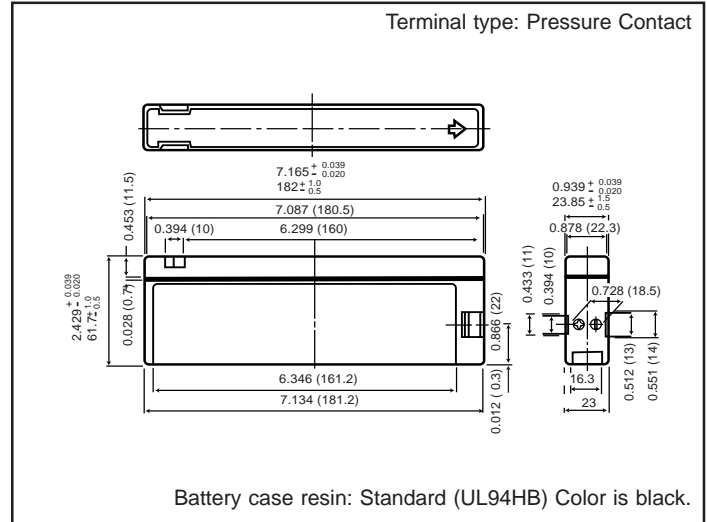
Characteristics

| | | | |
|---|---|-----------------|-------------------------------------|
| Capacity (note) 77°F (25°C) | 20 hour rate (115mA) | 2.3Ah | |
| | 10 hour rate (220mA) | 2.2Ah | |
| | 5 hour rate (410mA) | 2.05Ah | |
| | 1 hour rate (1600mA) | 1.6Ah | |
| | 1.5 hour rate discharge Cut-off voltage 10.5 V | 1.1A | |
| Internal resistance | Fully charged battery 77°F (25°C) | Approx. 100mΩ | |
| Temperature dependency of capacity (20 hour rate) | 104°F (40°C) | 102% | |
| | 77°F (25°C) | 100% | |
| | 32°F (0°C) | 85% | |
| | 5°F (-15°C) | 65% | |
| Self discharge 77°F (25°C) | Residual capacity after standing 3 months | 90% | |
| | Residual capacity after standing 6 months | 80% | |
| | Residual capacity after standing 12 months | 60% | |
| 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) |

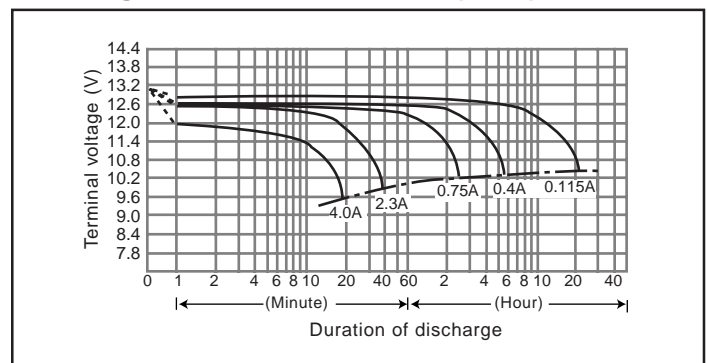
(Note) The above characteristics data are average values obtained within three charge/discharge. Cycles not the minimum values.

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)



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



Duration of discharge vs. Discharge current (Note)

