

LC-LA1233P/LC-VA1233P



Labels will vary, see page 72 for example of labels.

Specifications

| | | |
|-------------------------------|--------------|----------|
| Nominal voltage | 12V | |
| Rated capacity (20 hour rate) | 33Ah | |
| Dimensions | Length | 195.6 mm |
| | Width | 130.0 mm |
| | Height | 155.0 mm |
| | Total Height | 180.0 mm |
| Approx. mass | 12.0 kg | |

Characteristics

| | | | |
|---|---|---|-----|
| Capacity (note) (25°C) | 20 hour rate (1.65A) | 33.0Ah | |
| | 10 hour rate (3.00A) | 30.0Ah | |
| Internal resistance | 5 hour rate (5.40A) | 27.0Ah | |
| | 1 hour rate (20.0A) | 20.0Ah | |
| | 1.5 hour rate discharge Cut-off voltage 10.5 V | 13.4A | |
| Temperature dependency of capacity (20 hour rate) | Fully charged battery (25°C) | Approx. 7.0mΩ | |
| Self discharge (25°C) | 40°C | 102 % | |
| | 25°C | 100 % | |
| | 0°C | 85 % | |
| Charge Method (Constant Voltage) | -15°C | 65 % | |
| | Cycle use (Repeating use) | Residual capacity after standing 3 months | 91% |
| | | Residual capacity after standing 6 months | 82% |
| Residual capacity after standing 12 months | | 64% | |
| Trickle use | Initial current | 13.2 A or smaller | |
| | Control voltage (per 12V cell 25°C) | 14.5V to 14.9V | |
| Cycle use (Repeating use) | Initial current | 4.95 A or smaller | |
| | Control voltage (per 12V cell 25°C) | 13.6V to 13.8V | |

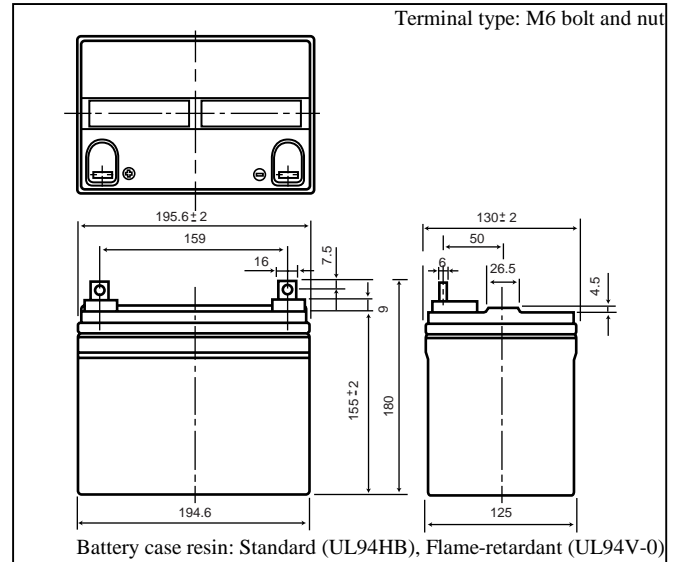
(Note) The above characteristics data are average values obtained within three charge/discharge. Cycles not the minimum values.

(Note) For cycle use of the battery, please contact us in advance.

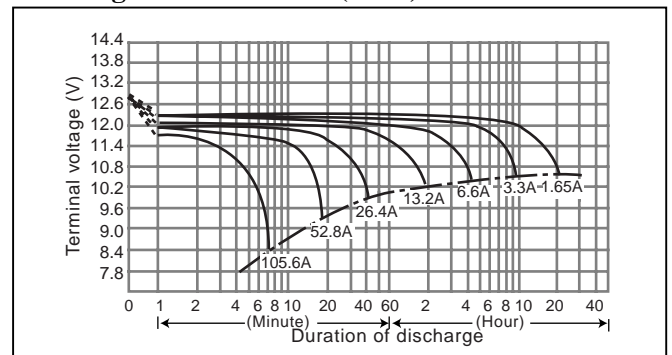
For main and standby power supplies.

Expected trickle life: 3-5 years at 25°C, Approx. 5 years at 20°C.

Dimensions (mm)



Discharge characteristics (25°C) (note)



Duration of discharge vs. Discharge current (note)

