3.2 Matters concerning the precaution before use

This unit is the open type device, which are designed to be housed within another device for prevention of electric shock, dust, corrosive gas, saline and oil smoke. This unit should be used with the open side of the enclosure facing inwards to incorporate. For the definition of the pollution degree and the over extended period of time nor wipe the surface with thinner or benzine.

3.4 Precautions for Use

Do not disassemble or modify this unit. It may cause failure, malfunction, injury or fire. Slide the SD memory card straight into the slot until it clicks into place.

3.6 How to insert the SD memory card

The Logging Unit should not be used for multiple Energy Measuring Units. Otherwise all logging data of the Logging Unit may be erased, or there may be some data for different Energy Measuring Units in the Logging Unit.

SD memory card slot

This is a slot to insert an SD memory card.

Battery box

This stores a battery to back up present time data, logging data and system log data.

SD memory card

Model EMU4-LM

- 180 days
- 90 days
- 60 days
- 5 month
- 7 month
- 6 months
- 5 month
- 3 month
- 1 month
- 30 days
- 15 days
- 5 days

6.2 How to connect the Logging Unit

The number of measurement circuits varies depending on the connected unit. For details, please refer to the user’s manual (Details) “Clock setup” of Energy Measuring Unit.

5.3 Specifications

- BATTERY

Model EMU4-LM

- 180 days
- 90 days
- 60 days
- 5 month
- 7 month
- 6 months
- 5 month
- 3 month
- 1 month
- 30 days
- 15 days
- 5 days

6.3 How to insert the SD memory card

Use a soft dry cloth to clean off the unit’s surface. Do not let a chemical cloth remain on the surface for an extended period of time as it may cause damage to the metal surface or parts. Check the followings to use the unit properly for long time.

- Please place the unit horizontally on a flat stable surface to avoid vibration or impact. 
- Please place the unit in an environment that is clean and has sufficient ventilation.
- Please place the unit in an area with a constant temperature and humidity.
- Please place the unit in an area with a constant light source.
- Please do not place the unit near strong electromagnetic fields.
- Please do not place the unit near areas with high noise levels.
- Please do not place the unit near areas with high humidity.
- Please do not place the unit near areas with high temperature.
- Please do not place the unit near areas with low temperature.
- Please do not place the unit near areas with high vibration.
- Please do not place the unit near areas with low vibration.
- Please do not place the unit near areas with high shock.
- Please do not place the unit near areas with low shock.
- Please do not place the unit near areas with high pressure.
- Please do not place the unit near areas with low pressure.
- Please do not place the unit near areas with high wind.
- Please do not place the unit near areas with low wind.
- Please do not place the unit near areas with high dust.
- Please do not place the unit near areas with low dust.
- Please do not place the unit near areas with high corrosive gas.
- Please do not place the unit near areas with low corrosive gas.
- Please do not place the unit near areas with high saline.
- Please do not place the unit near areas with low saline.
- Please do not place the unit near areas with high oil smoke.
- Please do not place the unit near areas with low oil smoke.
- Please do not place the unit near areas with high electric shock.
- Please do not place the unit near areas with low electric shock.
- Please do not place the unit near areas with high failure of the unit.
- Please do not place the unit near areas with low failure of the unit.
- Please do not place the unit near areas with high fire.
- Please do not place the unit near areas with low fire.
- Please do not place the unit near areas with high noise levels.
- Please do not place the unit near areas with low noise levels.
- Please do not place the unit near areas with high humidity.
- Please do not place the unit near areas with low humidity.
- Please do not place the unit near areas with high temperature.
- Please do not place the unit near areas with low temperature.
- Please do not place the unit near areas with high vibration.
- Please do not place the unit near areas with low vibration.
- Please do not place the unit near areas with high shock.
- Please do not place the unit near areas with low shock.
- Please do not place the unit near areas with high pressure.
- Please do not place the unit near areas with low pressure.
- Please do not place the unit near areas with high wind.
- Please do not place the unit near areas with low wind.
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- Please do not place the unit near areas with low dust.
- Please do not place the unit near areas with high corrosive gas.
- Please do not place the unit near areas with low corrosive gas.
- Please do not place the unit near areas with high saline.
- Please do not place the unit near areas with low saline.
- Please do not place the unit near areas with high oil smoke.
- Please do not place the unit near areas with low oil smoke.
- Please do not place the unit near areas with high electric shock.
- Please do not place the unit near areas with low electric shock.
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- Please do not place the unit near areas with low fire.
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- Please do not place the unit near areas with low noise levels.
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- Please do not place the unit near areas with low corrosive gas.
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- Please do not place the unit near areas with low saline.
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- Please do not place the unit near areas with high corrosive gas.
- Please do not place the unit near areas with low corrosive gas.
- Please do not place the unit near areas with high saline.
- Please do not place the unit near areas with low saline.
- Please do not place the unit near areas with high oil smoke.