

Press and hold **FUNC.** button for 5 seconds to clear accumulative total electric quantity and total electric charge during display state of total electric charge or total electric charge of price 1 or total electric charge of price 2.

10. LCD display **----**when total electric quantity, total electric charge overflow, the **OVER** will flash at the same time.

#### SETTING PRICE OF COST/kWh & OVER LOAD CURRENT

Press and hold **FUNC.** button for 5 seconds during display state of voltage or current or power.

##### 1. Setting price 1:

- a. Press **SET** button once and release, **SET** display, the first digital **COST/kWh** flash, press **UP** button to set it.
- b. Press **SET** button once again and release, the second digital **COST/kWh** flash, press **UP** button to set it.
- c. Press **SET** button once again and release, the third **COST/kWh** flash, press **UP** button to set it.
- d. Press **SET** button once again and release, the fourth **COST/kWh** flash, press **UP** button to set it.
- e. Press **SET** button once again and release, the radix point **COST/kWh** flash, press **UP** button to set it.
- f. Press **SET** button once again and release, the weekday flash, press **UP** button to set it.
- g. Press **SET** button once again and release, the hour of **ON TIME** flash, press **UP** button to set it.
- h. Press **SET** button once again and release, the minute of **ON TIME** flash, press **UP** button to set it.

##### 2. Setting price 2:

Press **FUN.** button once and release after finish Setting price 1. Setting price 2, repeat above steps.

##### 3. Setting **OVER LOAD** current data:

Press **FUN.** button once and release after finish Setting price 2.

- a. Press **SET** button once and release, **SET** and **AMP** display, the first digital **MAX. LOAD** flash, press **UP** button to set it.
- b. Press **SET** button once again and release, the second digital **MAX. LOAD** flash, press **UP** button to set it.
- c. Press **SET** button once again and release, the third **MAX. LOAD** flash, press **UP** button to set it.
- d. Press **SET** button once again and release, the fourth **MAX. LOAD** flash, press **UP** button to set it.

The **OVER LOAD WARNING** will flash when load overtop the setting data. The button function will failure. You must draw out the appliance or set the **OVER LOAD** data again.

#### SETTING CURRENT CLOCK

1. Press **FUNC.** button until the **CLOCK** displays in LCD.

2. Press **SET** button once time, The **"WEEK DAY"** will flash at same time, the clock change to **SET** mode. you can set the current clock now.

3. Press **UP** button to set the **"WEEK DAY"**.

4. Press **SET** button once time again and release, The **"HOUR"** will flash. the **"WEEK DAY"** will stop flashing and keep display.

5. Press **UP** button to set the **"HOUR"**.

6. Press **SET** button once time again and release, The **"MINUTE"** will flash. the **"HOUR"** will stop flashing and keep display.

7. Press **UP** button to set the **"MINUTE"**.

8. Press **SET** button once time again and release, the time come back to **CLOCK** display mode.

9. Press **UP** button during the **CLOCK** display state, change 12-24 hour mode.

To reset incorrect time, repeat above steps.

After finish setting, Plug the meter into a regular 250 Volts power outlet, Plug in an appliance that you want to use and turn the mains power on. Now the meter begins to measure the consumption of the appliance and detect the equipment that uses too much electricity at once.

#### STAND BY MODE

Display of LCD will disappear without any operation after AC power off for 1 minute. Press any key come back to display.

#### SPECIFICATIONS

Power supply	250V AC 50Hz
Max. load	10A, 2500W
Measure voltage range	210-301V AC
Measure voltage accuracy	+/-3%
Measure current range	0.02-10A
Measure current accuracy	+/-3% or +/-0.03 A
Measure power range	0-3010W
Measure power accuracy	+/-4% or +/-10W
Accumulative electric quantity range	0 -9999.9kWh
Measure frequency range	45-65Hz
Clock accuracy	+/- 1 minute per month
Power cost	<2W
Operating temperature	-10 °C to +40 °C
Battery	2x1.5V LR44/AG13
Battery life	about 3 months without AC power

EMA-1