Multifunction Energy Meter Instructions

Please read the following instructions carefully before connecting this meter to electrical appliances.

WARNING!

DO NOT PLUG TWO OR MORE METERS TOGETHER!

IMPORTANT

Don't plug in an appliance where the load exceeds 10 Amp. Always ensure the plug of any appliance is fully inserted into the meter outlet. If cleaning of the meter is required, remove from mains power and wipe meter with a dry cloth.

KEYBOARD DEFINITION

1. **MASTER CLEAR**: Clear all data in memory including current time and all programs.
2. **UP**: Set current time, price, price programs, max. overload current combined with buttons **SET**; exchange 12-24 hour mode during clock display state.
3. **SET**: Set current time, price, price programs, max. overload combined with buttons **UP**.
4. **FUNC.**: Exchange display state.

GENERAL FEATURES

1. Display current clock.
2. Display line voltage.
3. Display line current.
4. Display line power.
5. Display and memory peak line power.
6. Display and memory accumulative total electric quantity.
7. Display and memory total on time and total electric charge,.
8. Display and memory total on time and total electric charge of price1.
9. Display and memory total on time and total electric charge of price2.
10. Display line frequency.
11. Display power factor.
12. Adjustable max. overload current, max. overload warning.
13. Adjustable price / kWh
    11 combinations of day or blocks of days available as follows:
    MO
    TU
    WE
    TH
    FR
    SA
    SU
    MO,TU, WE, TH, FR
    MO,TU, WE, TH, FR, SA
    SA, SU
    MO, TU, WE, TH, FR, SA, SU

BATTERY

Insert the 2 pcs battery(LR44/AG13) according to the correct direction indication, screw the cover of battery.

Note: 1. The cover & the screw must be in place before use.

2. The battery must be taken out if not use for long time.

THE DATA DISPLAY

Press **FUNC.** button the data displays as follows:

VOLTac → AMP → WATT → MAX WATT → KWh → ON TIME PRICE → PRICE1 → PRICE2

1. The meter will display current clock and line voltage, frequency, if plug in socket after insert battery without any operation.
2. Press **FUNC.** button once and release, the meter will display current clock and line current, power factor.
3. Press **FUNC.** button once again and release, the meter will display current clock and real power, power factor.
4. Press **FUNC.** button once again and release, the meter will display max. line power and the appear time of max. line power, power factor. Press and hold **FUNC.** button for 5 seconds will clear max. line power display during this state.
5. Press **FUNC.** button once again and release, the meter will display current clock and accumulative power factor,
6. Press **FUNC.** button once again and release, the meter will display total on time and total electric charge.
7. Press **FUNC.** button once again and release, the meter will display total on time of price 1 and total electric charge of price 1.
8. Press **FUNC.** button once again and release, the meter will display total on time of price 2 and total electric charge of price 2.
9. Press **FUNC.** button once again and release, the meter will come back to display current time and line voltage.