80.00 mm

Micro Power Monitor Instruction Manual

Version: 86-EN-00

A. Introduction

This product adopts the microcomputer chip with high integration and specialized chip for energy metering, along with current sensor and LCD display with high precision, to achieve a comprehensive monitoring of electrical equipment,can be used to monitor the air conditioners,refrigerators and microwave ovens and other household appliances, measuring instruments can also be used as a teaching, but also suitable for families, rental housing, office, laboratory environment.

Features:

(1)Monitoring the present active power
(2)Monitoring the present voltage/current/ frequency
(3)Record powering time
(4)Record power consumed
(5)Calculating the CO2 emission volume (0.555kg CO2 may be generated from 1 KWH powerconsumption)
(6)Power factor pick-up

(7)Setting overload threshold
(8)Large LCD display

B. LCDdisplay(Figure 1)

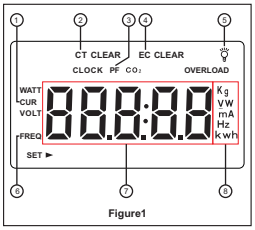

Figure1

1、CUR:current
2、CT:cumulative time
3、PF:power factor
4、EC:electricity consumption
5、Backlight
6、FREQ:frequency
7、Reading
8、Unit

80.00 mm

C. Operation

1、Plug the unit into the power socket then connect the household appliance with the unit.
2、POW/WATT/PF/VOLT/CUR/CT/FREQ/ CO2 will be displayed on the LCD.
3、Turning on: the active power value will be displayed on the LCD after turning on and the backlight will turn off automatically after 10 seconds.
4、Key operation: press ▲ key the WATT/ CUR/VOLT/FREQ/CT/EC/CO2 /PF will be displayed on the LCD in sequence. Press ▼ key the above value will be displayed in a reversal order.
5、Overload alarm and overload threshold setting.

a. Overload alarm: when the measured device has its watts setting over the preset threshold,the backlight flashes; when the watts gets down and below the preset value, the backlight stop flashing.

b. Overload threshold setting: switch the LCD display to WATT item, then press SET key for 2 seconds to enter into overload setting interface and XXXXW appears on LCD while the first X on the left flashes. Pressing the ▲key or ▼ key to adjust the setting value, and press OK key to confirm the set. And the 4 settings will be done from the left to right in order, and LCD displays the WATT option again after these settings done.The high threshold is 2200W, and LCD will display Err if overflow, and flashes 4 times to return to the overload setting.

6、Time clearance: switch to the CT interface and hold the SET key for 2 seconds to enter into the said interface. Press OK key to confirm clearance operation. Then LCD returns to the CT interface.

7、Power Consumed clearance: switch to the EC interface and hold the SET key for 2 seconds to enter into the said interface. Press OK key to confirm clearance operation,then LCD returns to the EC interface.

D. Specification

Power applied	220V 50Hz Max 10A (Less than2.2KW)
Precision	1.0
Constant	6400imp/kWh
Power consumed	<1W
Operating temperature	0~45℃
Storage temperature	-20~60℃
Backlight	turn off automatically after 10 seconds
Unit size	119.5*60*55.7mm
Weight	121.3g

Specific Declarations
We reserve the rights of the update and amendment of the product design and the manual which are subject to change without further notification.

CE

117.50 mm

iSweek www.isweek.com
Add: 16/F, Bldg. #3, Zhongke Mansion, No.1 Hi-Tech S. Rd, Hi-Tech Park South, Shenzhen, Guangdong, 518067 P.R.China
Tel: + 86-755-83289036 Fax: + 86-755-83289052 E-mail: sales@isweek.com