



Plug In Power Energy Meter Function Manual V1.0

The electrical parameters of this product that can be monitored in real-time are voltage Volt, current Amp, load effective power Watt, load apparent power VA, power frequency Hz, load power factor PF.

The product can be accumulated and displayed: the cumulative load power consumption KWH, load cumulative energization time the Elapsed Time.

The product may be provided by a monovalent Rate the value displayed electricity Cost. Can view Total Year Month Week Day Hour.

一、Viewing Electrical Parameters

1.1 After the product is powered on, the voltage interface is displayed by default. (Displayed to 1 decimal place)

Or, press the Volt/+ button once in any other interface to display the voltage interface.



Legend:

1.2 Press the Amp/- button in any other interface to display the current interface and display the current value flowing through the load. (Displayed to 2 decimal places)



Legend:

1.3 Press the Watt/VA button in any other interface to display the effective power value of the load. (Decimal displayed. 1 bit greater than 1000 is displayed to bits.)



Legend:

1.3.1 On the Watt interface, press the Watt/VA button again to display the apparent power value of the load. (Decimal displayed. 1 bit greater than 1000 is displayed to bits.)



Legend:

1.3.2 In the display VA interface, press the Watt/VA button again to display the effective power value of the load.

1.4 Press the Hz/PF button in any other interface to display the power frequency Hz. (Displayed

to 1 decimal place.)



Legend:

1.4.1 On the display Hz interface, press the Hz/PF button again to display the PF value of the load power factor. (Displayed to 2 decimal places)



Legend:

1.4.2 In the display PF interface, press the Hz/PF button again to display the power frequency Hz.

1.5 Press the KWH/Hour button in any other interface to display the cumulative power consumption KWH value. (Display to 2 digits after the decimal point, display to 1 digit after the decimal point when greater than 100, and display to the ones digit when greater than 1000)



Legend:

1.5.1 In the display KWH interface, press the KWH/Hour button again to display the accumulated power-on-time Elapsed Time.



Legend:

, “ : ” is flashing. When it is more than 100 hours, the minutes will not be displayed, “:” will not be displayed, and the maximum can be displayed up to 9999 hours.

1.5.2 In the display Elapsed Time interface, press the KWH/Hour button again to display the cumulative power consumption KWH value.

1.6 Keep the same interface until there is a button to switch to another interface.

二、 Set the Unit Price Rate

2.1 In any interface, press and hold the SET button for 3 seconds to enter the unit price setting



interface. The Rate value set last time is displayed.

The number

flashes.

2.2 Press Volt/+ button to adjust upward, press AmP/- button to adjust downward. Long press to change quickly. After the setting is completed, it keeps blinking without pressing the SET button.

2.3 After the setting is completed, press the SET button to save. SAVE is displayed briefly.



2.4 SAVE will be displayed briefly, then exit after 0.5 seconds and return to the interface before entering the setting.

三、COST Query

3.1 Press the COST button to check the electricity cost COST. First, display the total cost. Calculated based on the latest unit price.



Legend:

3.2 On the basis of the 3.1 interfaces, you can press the Volt/+ button or AmP/- button to query and convert it to the cost per year, month, week, day, and hour. Each time you press the AmP/- button, you will cycle through the following interface: Total → Year → Month → Week → Day → Hour → Total. Each time you press the Volt/+ button, it will cycle in reverse order. Calculated at the latest unit price.

Legend :



3.3 The above display interface keeps the same interface until there is a button to switch to another interface.

3.4 In the above display interface, press the COST button to return to the Total COST interface.

四、Special Functions

4.1 Data such as KWH, Elapsed Time, Total COST, etc., will increase over time and exceed the maximum display range of the screen. Once the maximum display range is exceeded, it will switch to this display interface and flash a reminder.

4.2 The function of clearing accumulated data. In any display interface, after long-pressing the RESET button for 3 seconds, the data of KWH, Elapsed Time, and Total COST will be



cleared. The interface will be displayed for 1 second, then return to the previous display interface.

4.3 Restore factory settings. In any display interface, press and hold the SET button and the RESET button for 3 seconds to restore the factory settings. The data of KWH, Elapsed Time, and Total COST are cleared, and the Rate data is restored to the default value.

五、 Technical Parameters

Power supply: 125VAC, 60Hz

Load: Maximum 15A 1875W resistive and TUNGSTEN, 1/2HP

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