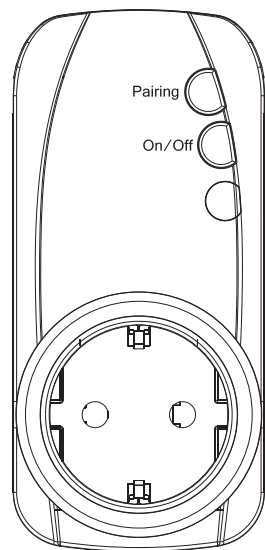




Bluetooth 4.0 Energy Meter Socket

Model: E100/ E100F/ E100U/ E100C

USER MANUAL



INTRODUCTION

Thank you for purchasing our product Bluetooth Energy Meter Socket E100. It supports iPhone 4S/ 5 and new generation iPad. We strongly recommend to read this User Manual before you operate the product.

ABOUT WiTenergy

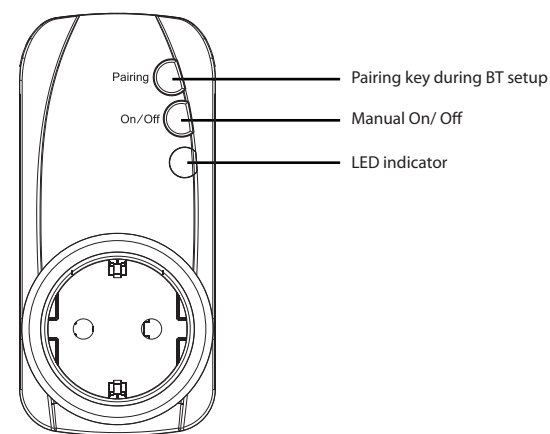
E100 is a Bluetooth 4.0 Energy Meter Socket which can seamlessly control and monitor your energy usage of the electric appliance connected. With the App provided, user can monitor the energy usage and control at desired condition. User can program the socket to turn on/ off at desired time schedule.

BOX CONTENTS

- Your WiTenergy will contain:
- 1) WiTenergy main unit
 - 2) This user manual
 - 3) Quick start guide

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GETTING STARTED



- 1 Plug the WiTenergy into mains supply **WITHOUT** any appliance connected. To confirm the unit is working. Press the Manual On/ Off button and the LED indicator (Blue colour) will blink with the key press.
- 2 Download and install the App WiTenergy from App Store.



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- 3 Follow the instructions of the App to pair the device with your smartphone or tablet.

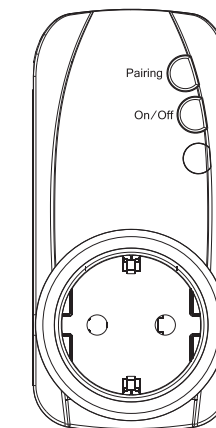
LED INDICATOR

This smart socket has equipped with LED indicator to indicate the device status (see below).

LED Colour	Status
No LED on	Output OFF and idle
Blue LED on	Output ON and idle
Red LED blink	Overload warning

MANUAL ON/ OFF

User can turn the output of smart socket to ON/ OFF manually by pressing the On/ Off button on the device. The status of the output will be shown in the App on your smartphone or tablet automatically.



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REMOTE CONTROL

User can turn the output of smart socket to ON/ OFF with the App. To obtain better performance, user must ensure that the smart socket is located within the coverage of Bluetooth signal with your smartphone or tablet. The receiving distance will be affected by obstacles and building materials. It is recommended to place the smart socket away from TV set, computer, wireless router or any radio frequency apparatus.

ENERGY MONITORING

To save energy cost, user need an energy monitor to tell you how much energy is consuming by your electrical appliance. This smart socket has built-in non-volatile memory which can record the energy consumption of the electrical appliances. With the tariff rate setting, the energy cost can be calculated automatically. User can analysis the energy consumption of their appliance with graphical view.

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SCHEDULE TIMER

This smart socket can be programmed with timer by the App which can turn the appliance ON/ Off at desired time. The benefits of setting the schedule timer with the App is more convenient and easier with the intuitive user interface.

COUNTDOWN TIMER

User can set a countdown timer to turn the appliance ON/ OFF with the App. When the countdown timer elapsed, the output of the smart socket will be turned OFF.

OVERLOAD WARNING

This smart socket can set an overload warning with the App. When the connected appliance exceed the overload settings (Wattage or Current), the device will give an overload alert by flashing Red LED or beep sound or cut the power to the appliance. The alert method can be set by the App via smartphone or tablet.

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SAFETY INSTRUCTIONS

To ensure safe operation of the equipment and eliminate the danger of serious injury due to short-circuits, the following safety precautions must be observed.

- 1) Do not connect after each other
- 2) Use indoor only.
- 3) Keep children and pets away.
- 4) Inspect periodically.
- 5) The unauthorized rebuilding and/or modifying of the device is not permitted.
- 6) If you are not sure about the operation, safety or the connection of the device, contact an expert.
- 7) Opening the equipment, service and repair work must only be carried out by a trained person who is familiar with the relevant regulations.
- 8) To avoid any hazard or misuse, please use this product only as described in user manual.
- 9) Do not operate this product in wet or damp conditions, to avoid electric shock.
- 10) Comply with the warning labels and other information on the equipment.
- 11) Do not subject the equipment to direct sunlight or extreme temperatures, humidity or dampness.
- 12) Do not subject the equipment to shocks or strong vibrations.
- 13) Do not operate the equipment near strong magnetic fields (motors , transformers etc.)
- 14) Do not store the smart socket in a place of explosive, inflammable substances.
- 15) Do not modify the equipment in any way
- 16) The guarantee become invalid in the event of damage resulting from non-observance or improper use of the operation manual.

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SPECIFICATIONS

Ratings:

E100/ E100F	: 230 VAC, max 16A 3680W
E100U	: 220-240 VAC, max 13A 3120W
E100C	: 230 VAC, max 10A 2300W

Wireless Standard : Bluetooth 4.0
 Frequency Range : 2400 – 2480 MHz
 Operation Range : up to 30 meters

Environmental conditions:
 Altitude: up to 2000m,
 Maximum operating ambient temperature: 5°C to 35°C
 Maximum relative humidity: 90%
 Number of operating cycle : 3000
 Circuit disconnection : Micro-disconnection
 Proof tracking index PTI : 175
 Pollution degree 2

- Unplug the appliance before cleaning.
- The receiver shall remain readily operable. The socket-outlet shall be installed near the appliance and shall be easily accessible.
- If the equipment is used in a manner not specified by the manufacturer, the protection provided by the equipment may be impaired.
- The power meter shall be used only in area with installation category II (CAT II) according to IEC664, in which the transient voltages do not exceed 2500V. The mains supply for residential areas generally belongs to this category.



Any unused smart socket and batteries must be disposed of according to the local EPA regulations at the end of their service life.

Distributed by: Season International Corp.
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