



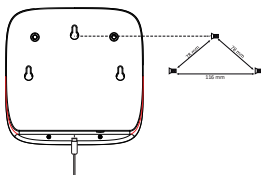
# **2W PowerBridge**

## **QUICK START GUIDE**



# 1. Setup the PowerBridge

- Connect the USB cable to the PowerBridge Transmitter and the power supply.
- Mount the PowerBridge on a stand, a wall, or a ceiling using the keyhole screw mounts or with the included optional mounting plate. Position it so that it points towards the intended area of operation.



*Figure 1: Mounting Diagram*



*Figure 2: PowerBridge Transmitter with Stand*



*Figure 3: PowerBridge Transmitter Ceiling and Wall Mount*

## 2. System Level Setup



*Figure 4: System Level Setup Example*

- Place PowerBridge and receiver between 1~20 meters.
- Place receiver in the line of sight of the PowerBridge.

### 3. System Level Operation

- Connect the PowerBridge power supply to a power source.
- After power-on, the blue LED flashes for 30 seconds indicating the PowerBridge is running.
- The PowerBridge starts RF power transmission automatically in 900 MHz band, and the white LED turns on solid.

## 4. FCC Regulatory Information

FCC ID: 2ADNG-YND1800, Model: YND-1800

This device complies with Part 18 of the FCC Rules.

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the equipment being interfered with.
- Increase the separation between the charger and the equipment subject to interference.

## 4. FCC Regulatory Information Cont'd.

- Connect the equipment into an outlet on a circuit different from that to which the charger is connected.
- Consult the dealer or an experienced radio/TV/electronics technician for help.

**CAUTION:** Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

YND-1800 RF wireless charger complies with FCC RF radiation exposure limits for an uncontrolled environment in accordance with FCC Rule Part 2.1093. The Wireless charger transmitter is designed to be installed on the ceiling or on a side wall and must be installed accordingly to ensure a minimum 20cm separation distance from persons.

## 5. Supplier's Declaration of Conformity

Model: YND-1800, Brand Name: Energous

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Responsible Party in the USA:  
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