

User Manual
Wireless Charger
(HLW-TNHP1)

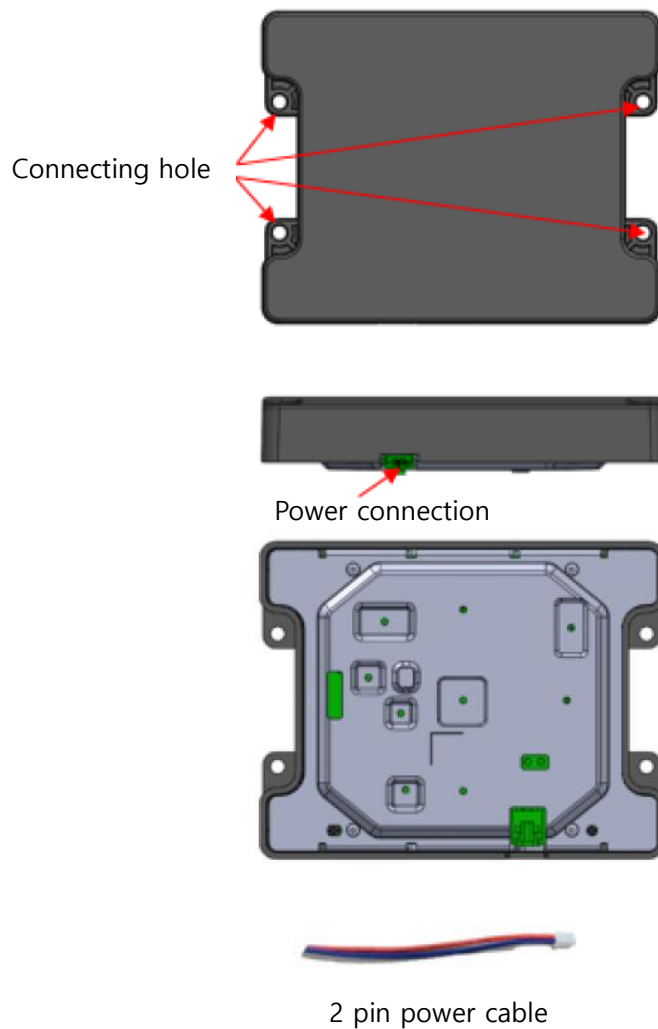
1. Introduction

1.1 Overview

This module support WPC Qi standard and it will not be released as a stand-alone product but it will be released as built-in product.

A 6mm plastic gap is required on the top for wireless charging of the module alone

1.2 Name of each part of the product



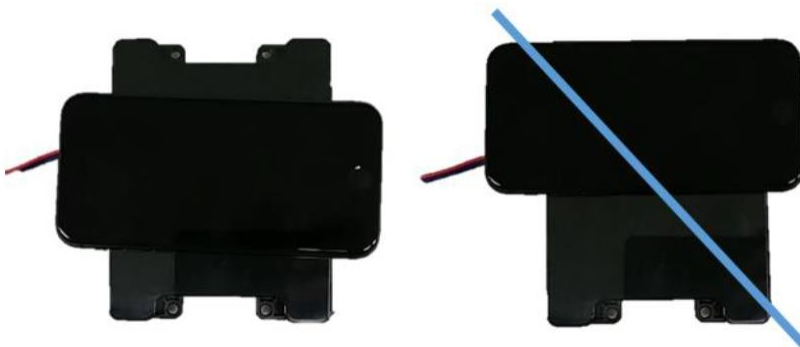
2. How to Use

2.1 Wireless charging

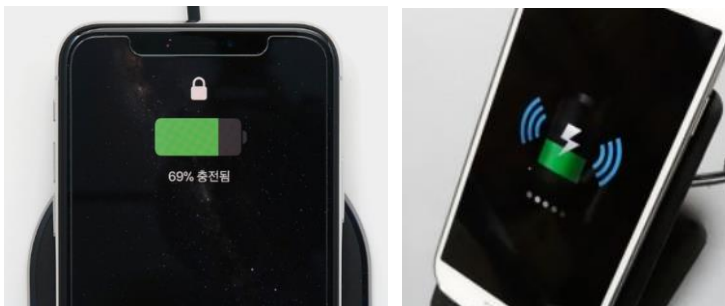
1. Connect 12V/3A DC power source via power connector.



2. Put down mobile phone at the center of charger model
(Attach 6mm thick insulating material (plastic, wood, paper, rubber, etc.) when charging the product by itself)



3. Check the charge icon on the mobile device screen for charging status



3. If there is a foreign object (for example metal plate, coin, clip) between the charger and the phone, normal charging may not be performed or there may be a risk of burns due to heat

2.2 Application Example



This example represents some of the forms that are applied as built-in products

3. Specification

1	Model Name	HLW-TNHP1
2	Input Power	DC 12V/3.0A
3	Operating Temperature	-40~50°C
4	Dimension	125(W)x98(D)x21.6(H)
5	Weight	230g
6	Charging Power	5W
7	FCC ID	BEJ- HLWTNHP1
8	IC	2703N-HLWTNHP1

FCC Notice

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 receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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 of the device.

Any changes or modifications in construction of this device which are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC RF Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This equipment should be installed and operated with a minimum distance of 15 cm between the antenna and your body. Users must follow the specific operating instructions for satisfying RF exposure compliance.

Industry Canada Statement

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

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

IC Radiation Exposure Statement

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 15 cm between the radiation source (antenna) and any individual.

NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

Avis d'Industrie Canada

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- 1) Cet appareil ne doit pas provoquer d'interférences, et
- 2) Cet appareil doit accepter toutes les interférences, y compris celles pouvant entraîner son dysfonctionnement.

Énoncé d'IC concernant l'exposition à la radiation

Cet appareil est conforme aux limites d'exposition aux rayonnements d'Industrie Canada pour un environnement non contrôlé. Cet appareil doit être installé et utilisé de façon à garder une distance minimale de 15 cm entre la source de radiation (l'antenne) et toute personne physique.

REMARQUE : LE FABRICANT N'EST PAS RESPONSABLE DES INTERFÉRENCES RADIOÉLECTRIQUES CAUSÉES PAR DES MODIFICATIONS NON AUTORISÉES APPORTÉES À CET APPAREIL. DE TELLES MODIFICATIONS POURRAIENT ANNULER L'AUTORISATION ACCORDÉE À L'UTILISATEUR DE FAIRE FONCTIONNER L'APPAREIL.

Declaration of Conformity



Hereby, HITACHI-LG DATA STORAGE, Inc. declares that the radio equipment type Wireless Charger is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address:

<http://www.lg.com/global/support/cedoc/cedoc#>

For consideration of the user, this device should be installed and operated with a minimum distance of 15 cm between the device and the body.

Manufacturer name: HITACHI-LG DATA STORAGE, Inc.

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