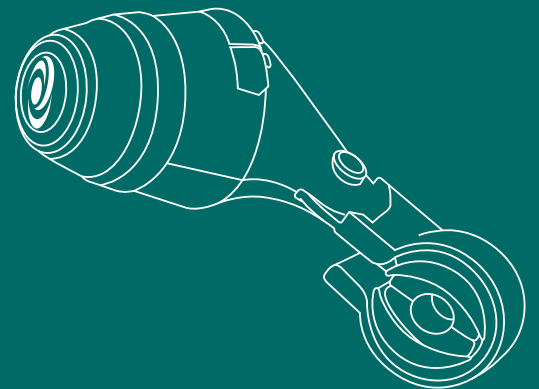


# LIGHT & SMART BIKE GENERATOR

**WHEELSWING** 



## The generator for all bike in the world, **WHEELSWING VOLT1**

**WHEELSWING** is a generator that generates electricity while driving by installing on a bike wheel. This electricity, which I made myself, can be used to charge a variety of USB products, such as bike equipment and smart phones.

The **VOLT1** series consists of four types: contactless generator NCB/NCD and contact generator CB/CD.

**The contactless generator**

is a generator for high-speed/long-distance riders and can be used on rim brake bikes and spinning/fitness bikes.

**The contact generator**

is a generator for low-speed/short-distance riders and can be used on all bikes and spinning/fitness bikes.



## Product specification

### ● [Contactless] Product specifications

Product Name	Contactless battery built-in type bike generator	Contactless direct charging type bike generator
Model Name	WHEELSWING VOLT1-NCB	WHEELSWING VOLT1-NCD
Size	148X134X67.5mm (5.8X5.2X2.6X in)	148X134X67.5mm (5.8X5.2X2.6X in)
Weight	390g (0.85lb)	365g (0.8lb)
Material	PC, rubber, silicone, etc.	PC, rubber, silicone, etc.
Capacity	USB2.0 (5V,500mAh output)	USB2.0 (5V,500mAh output)
Battery	Li-ion battery 1,000mAh	-

### ● [Contact] Product specifications

Product Name	Contact battery built-in type bike generator	Contact direct charging type bike generator
Model Name	WHEELSWING VOLT1-CB	WHEELSWING VOLT1-CD
Size	148X134X67.5mm (5.8X5.2X2.6X in)	148X134X67.5mm (5.8X5.2X2.6X in)
Weight	345g (0.76lb)	320g (0.7lb)
Material	PC, rubber, silicone, etc.	PC, rubber, silicone, etc.
Capacity	USB2.0 (5V,500mAh output)	USB2.0 (5V,500mAh output)
Battery	Li-ion battery 1,000mAh	-

### ● Common

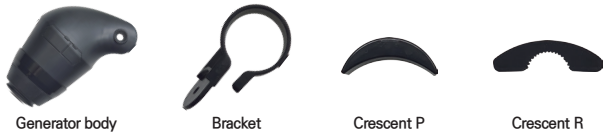
Manufacturer	WITHUS & EARTH Co., Ltd.	Warranty period	within 1 year after purchase
Country of Origin	Republic of Korea		
Manufacturing date	Separately indicated		

## [ Detail ]



NCB	●	●	●	●	●	●	●	●
NCD	●		●	●	●	●	●	●
CB		●	●	▲	●	●	●	●
CD			●	▲	●	●	●	●

## Product composition



### Contactless



### Contact



\*WHEELSWING VOLT1 consists of the generator body, bracket, crescent, rubber ring, rubber pad, bolt/nut, and installation guide.

## Key Features of WHEELSWING VOLT1

### 01. Non-contact drive system

The world's first and the world's only bike generator powered by a magnetic field. (VOLT1-NCB / NCD)

### 02. Self-generation

Charge with homemade electricity!  
You can continue to create and use electricity while riding.

### 03. Built-in battery

Built-in 1A Li-ion battery allows you to charge with stored electricity even while your bike is at a standstill. (VOLT1-NCB / CB)

### 04. USB charging method

You can easily and conveniently charge all devices connected by USB.

### 05. Simple installation

Self-installation is possible without expert assistance.

### 06. Universal bracket

It mitigates vibration in two steps and can be installed anywhere on the front/rear wheel.

### 07. Hybrid method

By simply replacing the rubber ring, you can quickly change the driving method to a contact type. (VOLT1-NCB / NCD)  
The contact type is driven by mounting two types of self-developed rubber rings (booster rings).

### 08. Light pedaling

Unlike ordinary bicycle generators, the pedaling is light and the driving feel is smooth.

### 09. Reliability test

This product has undergone rigorous testing for safety.

### 10. Waterproof design

IPX5 waterproof design makes life waterproof.



Holds 4 Non-contact generator patents

CES 2021 INNOVATION AWARD

CES 2020 INNOVATION AWARD

HKEF 2019 EIA GOLD WINNER

GSEC 2019 ANALYST CHOICE

Wadiz funding twice successful

# INBE INBO