



# EBIKE BATTERY PRODUCTS

**2025**

**CATALOG**

Global Manufacturing  
Complete Industrial Chain

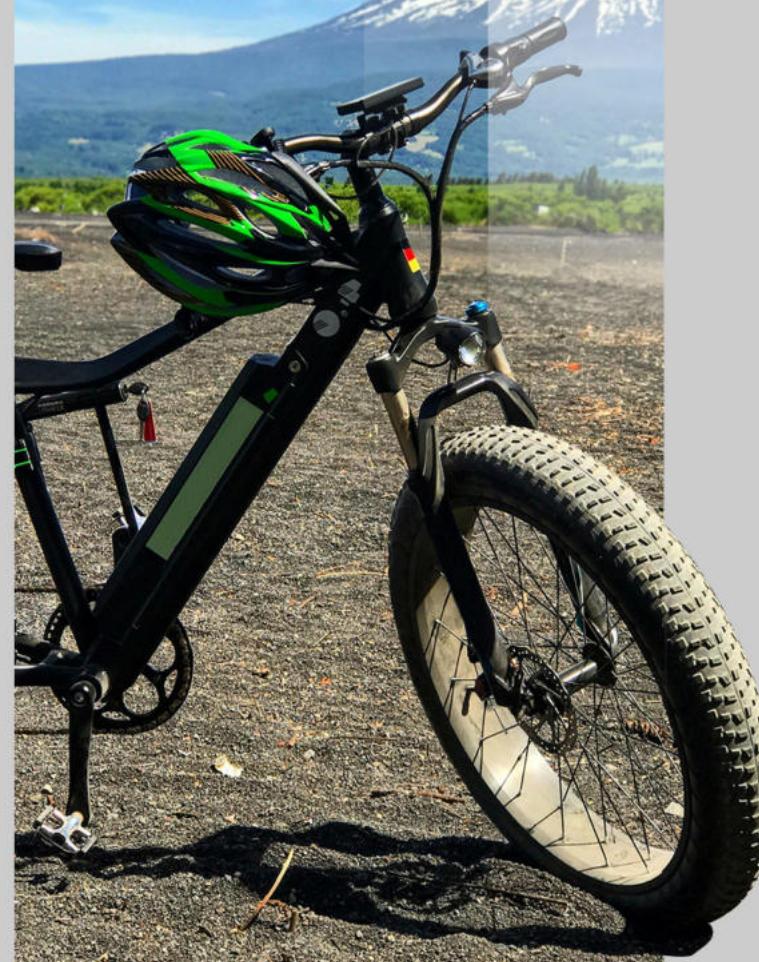
## CONTACT US

**Ginnov**

[www.ginnovenergy.com](http://www.ginnovenergy.com)

[sale@ginnovenergy.com](mailto:sale@ginnovenergy.com)

Shigu, Tangxia, Dongguan, China



[www.ginnovenergy.com](http://www.ginnovenergy.com)

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G-INNOV EBIKE BATTERY

G-innov Provides Customized Battery Solutions

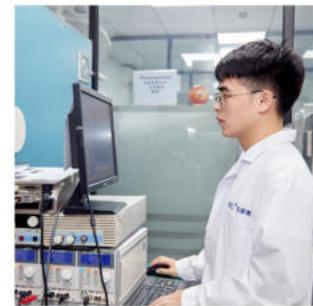




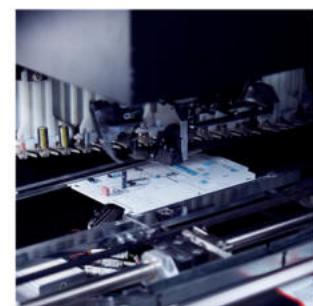
## Quality Assurance



Internationally  
Recognized Full-Process  
Quality Control



Integrated Technical, R&D,  
and After-Sales  
Services



## Integration Services

Our manufacturing company adheres to the principle of "Quality First,"  
testing and inspecting all products to ensure consistent performance and reliability.

## Strict QC

**30 +**

PCBA Production Line

**85 +**

CNC Lathes

**200 +**

Injection Equipment

**100 +**

Lean Production Line

**240 +**

CNC Milling

**40 +**

Die Casting Equipment

**780T +**

Maximum Tonnage

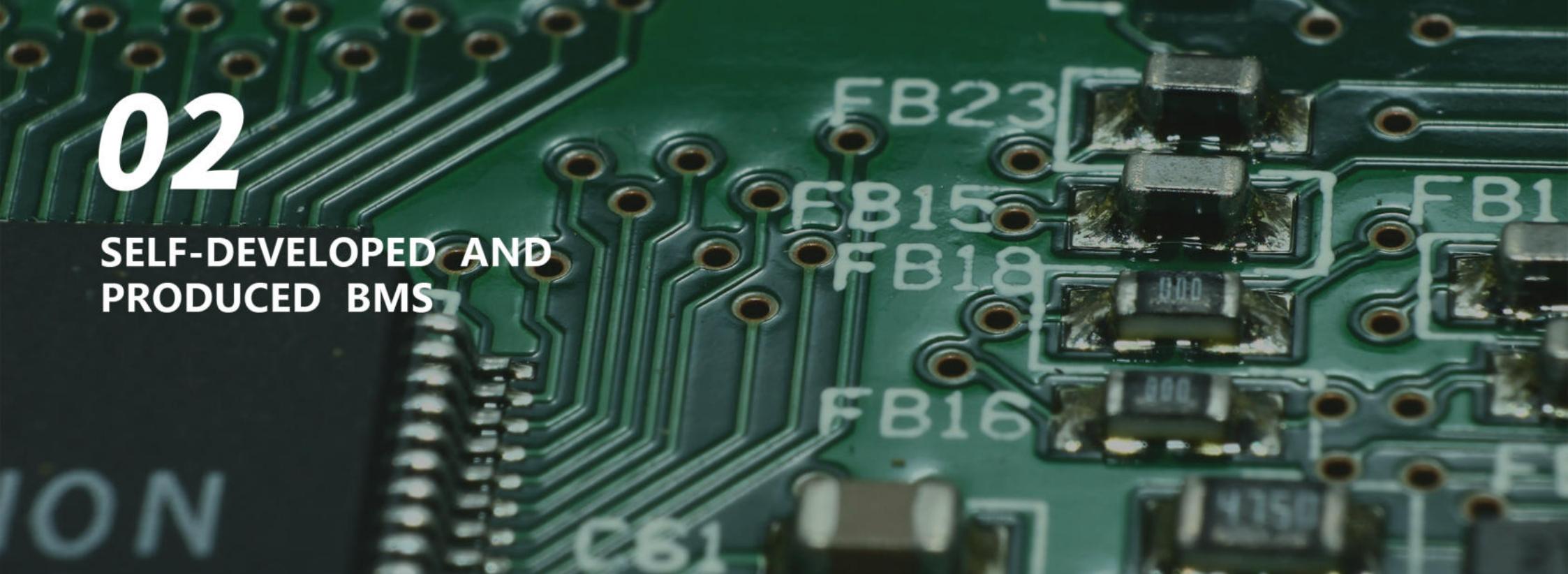
**2500T +**

Maximum Tonnage



# 02

## SELF-DEVELOPED AND PRODUCED BMS



Strict temperature control system to avoid high temperature.  
Early warning system to ensure rider's safety.



More reasonable SOC (State of Charge) setting to display mileage precisely and extend battery life.



Cell balancing function to improve battery life further.



Low electricity consumption design to ensure long distance ride and increase battery storage time.



EN15194:2017(EN50604) certified by TUV/SGS,UL2271 certified by UL.



Good design to ensure dual/multi batteries work together.



Five different BMS platforms satisfy various requirements.



Smart diagnosis can be used to facilitate after-sales services.

# 03

## BATTERY

### B36-DP2-3

The B36-DP2-3 battery pack uses high-energy-density cells to provide long-lasting and stable power output, ensuring your devices or vehicles run smoothly for extended periods. Whether for daily commutes or outdoor adventures, it is the ideal power solution, giving you confidence in every use.



- \* The model complies with international standards such as EN50604.
- \* Ultra-large capacity, with over 50% increase in single-charge battery life.
- \* High protection rating, all meeting or exceeding IPX5 waterproof standard, with strong durability.
- \* Features a downtube/integrated modular design for easy installation and maintenance.
- \* Multi-cell compatibility, supporting 18650/21700 cells, adaptable to different voltage and capacity requirements.



High Energy Density  
High Energy Density



Safe and Reliable  
Safe and Reliable

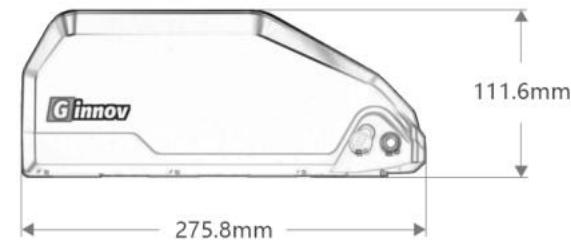


Long Cycle Life  
Long Cycle Life



Highly adaptable  
Highly adaptable

## parameter



### Basic data :

Maximum capacity	15Ah
Battery cell type	21700
Battery type	Downtube
Fault protection	EN50604
Waterproof level	>=IPX5
Working temperature range	-20°C~60°C

# 03

## BATTERY

### B36-DP2-7

The B36-DP2-7 battery pack uses high-energy-density cells to provide long-lasting and stable power output, ensuring your devices or vehicles run smoothly for extended periods. Whether for daily commutes or outdoor adventures, it is the ideal power solution, giving you confidence in every use.



\* The model complies with international standards such as EN50604.

\* Ultra-large capacity, with over 50% increase in single-charge battery life.

\* High protection rating, all meeting or exceeding IPX5 waterproof standard, with strong durability.

\* Features a downtube/integrated modular design for easy installation and maintenance.

\* Multi-cell compatibility, supporting 18650/21700 cells, adaptable to different voltage and capacity requirements.



High Energy Density

High Energy Density



Safe and Reliable

Safe and Reliable



Long Cycle Life

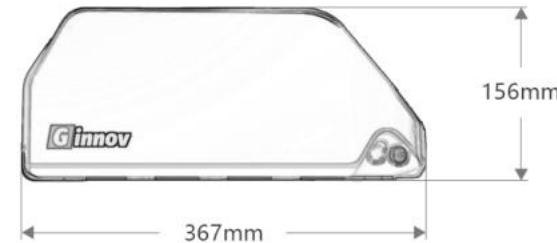
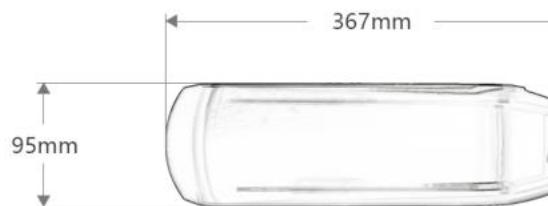
Long Cycle Life



Highly adaptable

Highly adaptable

## parameter



### Basic data :

Maximum capacity	35Ah
Battery cell type	21700
Battery type	Downtube
Fault protection	EN50604
Waterproof level	>=IPX5
Working temperature range	-20°C~60°C

# 03

## BATTERY

### B36-DP3V2

The B36-DP3V2 battery pack uses high-energy-density cells to provide long-lasting and stable power output, ensuring your devices or vehicles run smoothly for extended periods. Whether for daily commutes or outdoor adventures, it is the ideal power solution, giving you confidence in every use.



- \* The model complies with international standards such as EN50604.
- \* Ultra-large capacity, with over 50% increase in single-charge battery life.
- \* High protection rating, all meeting or exceeding IPX5 waterproof standard, with strong durability.
- \* Features a downtube/integrated modular design for easy installation and maintenance.
- \* Multi-cell compatibility, supporting 18650/21700 cells, adaptable to different voltage and capacity requirements.



High Energy Density  
High Energy Density



Safe and Reliable  
Safe and Reliable

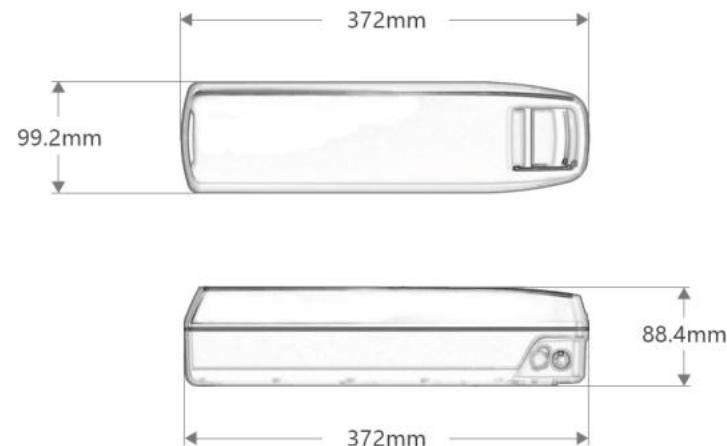


Long Cycle Life  
Long Cycle Life



Highly adaptable  
Highly adaptable

### parameter



#### Basic data :

Maximum capacity	15Ah
Battery cell type18650	13S4P \ 48V 14AH
Battery cell type21700	13S3P \ 36V 15AH
Battery type	Downtube
Fault protection	EN50604
Waterproof level	>=IPX5
Working temperature range	-20°C~60°C

# 03

## BATTERY

### B36-DP4

### B48-DP4

The B36-DP4 / B48-DP4 battery pack uses high-energy-density cells to provide long-lasting and stable power output, ensuring your devices or vehicles run smoothly for extended periods. Whether for daily commutes or outdoor adventures, it is the ideal power solution, giving you confidence in every use.



\* The model complies with international standards such as EN50604.

\* Ultra-large capacity, with over 50% increase in single-charge battery life.

\* High protection rating, all meeting or exceeding IPX5 waterproof standard, with strong durability.

\* Features a downtube/integrated modular design for easy installation and maintenance.

\* Multi-cell compatibility, supporting 18650/21700 cells, adaptable to different voltage and capacity requirements.



High Energy Density

High Energy Density



Safe and Reliable

Safe and Reliable



Long Cycle Life

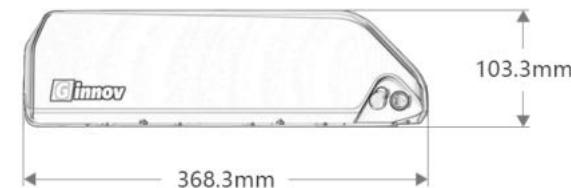
Long Cycle Life



Highly adaptable

Highly adaptable

## parameter



### Basic data :

Maximum capacity	23Ah
Battery cell type	18650
Battery cell type	21700
Battery type	Downtube
Fault protection	EN50604
Waterproof level	>=IPX5
Working temperature range	-20°C~60°C

# 03

## BATTERY

### B36-DP5-2

### B48-DP5-2

The B36-DP5-2 / B36-DP5-2 battery pack uses high-energy-density cells to provide long-lasting and stable power output, ensuring your devices or vehicles run smoothly for extended periods. Whether for daily commutes or outdoor adventures, it is the ideal power solution, giving you confidence in every use.



\* The model complies with international standards such as EN50604.

\* Ultra-large capacity, with over 50% increase in single-charge battery life.

\* High protection rating, all meeting or exceeding IPX5 waterproof standard, with strong durability.

\* Features a downtube/integrated modular design for easy installation and maintenance.

\* Multi-cell compatibility, supporting 18650/21700 cells, adaptable to different voltage and capacity requirements.



High Energy Density  
High Energy Density



Safe and Reliable  
Safe and Reliable

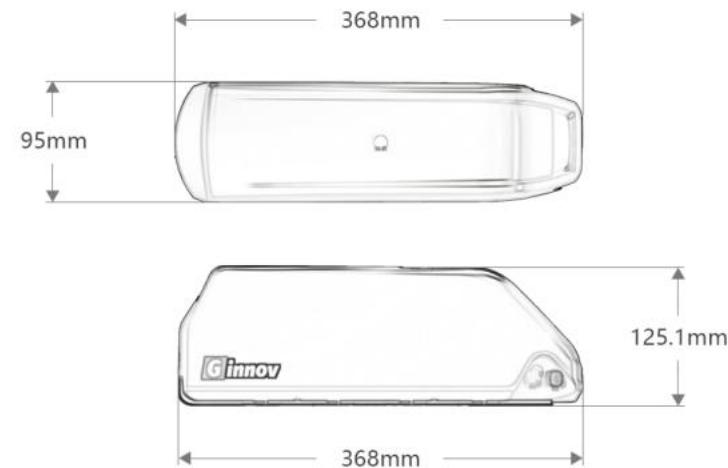


Long Cycle Life  
Long Cycle Life



Highly adaptable  
Highly adaptable

## parameter



### Basic data :

Maximum capacity	20Ah
Battery cell type	18650
Battery cell type	21700
Battery type	Downtube
Fault protection	EN50604
Waterproof level	>=IPX5
Working temperature range	-20°C~60°C

# 03

## BATTERY

### B36-DP5C

The B36-DP5C battery pack uses high-energy-density cells to provide long-lasting and stable power output, ensuring your devices or vehicles run smoothly for extended periods. Whether for daily commutes or outdoor adventures, it is the ideal power solution, giving you confidence in every use.



- \* The model complies with international standards such as EN50604.
- \* Ultra-large capacity, with over 50% increase in single-charge battery life.
- \* High protection rating, all meeting or exceeding IPX5 waterproof standard, with strong durability.
- \* Features a downtube/integrated modular design for easy installation and maintenance.
- \* Multi-cell compatibility, supporting 18650/21700 cells, adaptable to different voltage and capacity requirements.



High Energy Density  
High Energy Density



Safe and Reliable  
Safe and Reliable

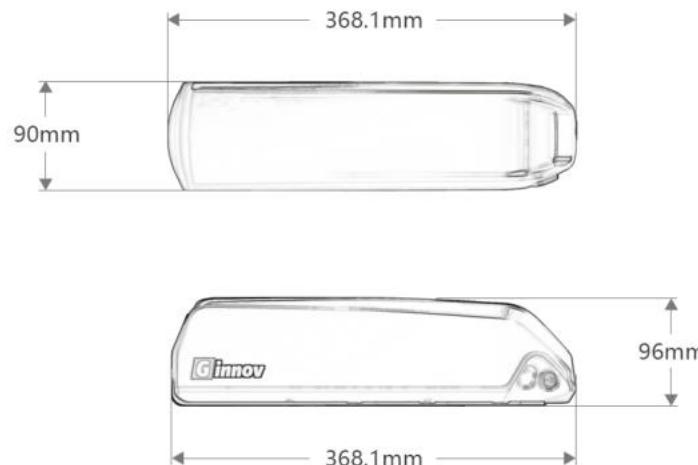


Long Cycle Life  
Long Cycle Life



Highly adaptable  
Highly adaptable

## parameter



### Basic data :

Maximum capacity	14Ah
Battery cell type	18650
Battery type	Downtube
Fault protection	EN50604
Waterproof level	>=IPX5
Working temperature range	-20°C~60°C

# 03

## BATTERY

### B48-DP5

The B48-DP5 battery pack uses high-energy-density cells to provide long-lasting and stable power output, ensuring your devices or vehicles run smoothly for extended periods. Whether for daily commutes or outdoor adventures, it is the ideal power solution, giving you confidence in every use.



\* The model complies with international standards such as EN50604.

\* Ultra-large capacity, with over 50% increase in single-charge battery life.

\* High protection rating, all meeting or exceeding IPX5 waterproof standard, with strong durability.

\* Features a downtube/integrated modular design for easy installation and maintenance.

\* Multi-cell compatibility, supporting 18650/21700 cells, adaptable to different voltage and capacity requirements.



High Energy Density

High Energy Density



Safe and Reliable

Safe and Reliable



Long Cycle Life

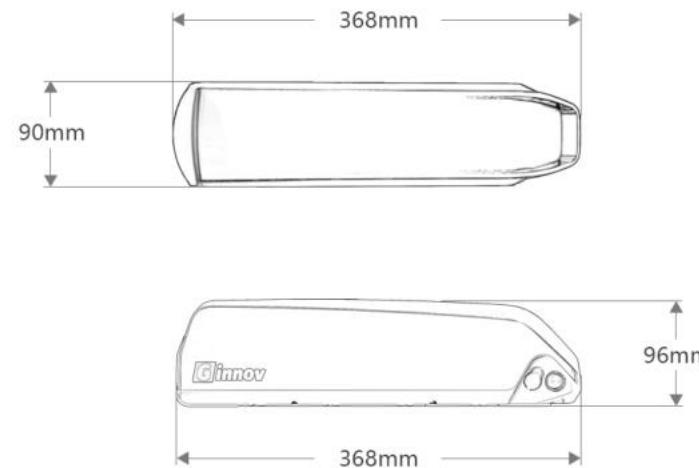
Long Cycle Life



Highly adaptable

Highly adaptable

## parameter



### Basic data :

Maximum capacity	14Ah
Battery cell type	18650
Battery type	Downtube
Fault protection	EN50604
Waterproof level	>=IPX5
Working temperature range	-20°C~60°C

# 03

## BATTERY

### B48-DP5CV2

The B48-DP5CV2 battery pack uses high-energy-density cells to provide long-lasting and stable power output, ensuring your devices or vehicles run smoothly for extended periods. Whether for daily commutes or outdoor adventures, it is the ideal power solution, giving you confidence in every use.



- \* The model complies with international standards such as EN50604.
- \* Ultra-large capacity, with over 50% increase in single-charge battery life.
- \* High protection rating, all meeting or exceeding IPX5 waterproof standard, with strong durability.
- \* Features a downtube/integrated modular design for easy installation and maintenance.
- \* Multi-cell compatibility, supporting 18650/21700 cells, adaptable to different voltage and capacity requirements.



High Energy Density  
High Energy Density



Safe and Reliable  
Safe and Reliable

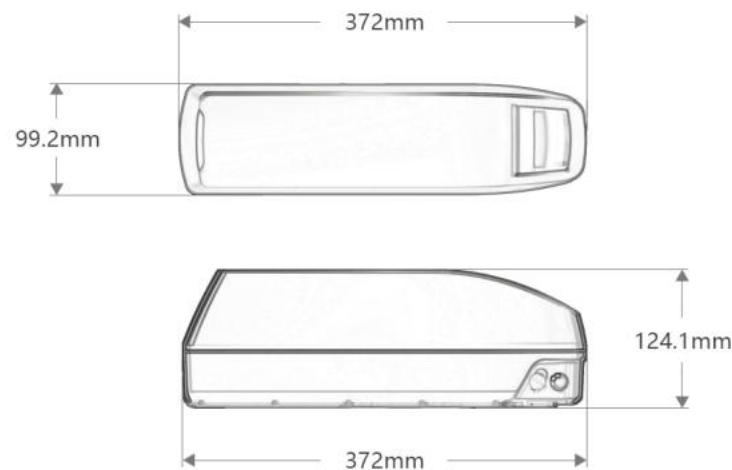


Long Cycle Life  
Long Cycle Life



Highly adaptable  
Highly adaptable

### parameter



#### Basic data :

Maximum capacity	21Ah
Battery cell type	18650
Battery cell type	21700
Battery type	Downtube
Fault protection	EN50604
Waterproof level	>=IPX5
Working temperature range	-20°C~60°C

# 03

## BATTERY

### B48-DP6C

The B48-DP6C battery pack uses high-energy-density cells to provide long-lasting and stable power output, ensuring your devices or vehicles run smoothly for extended periods. Whether for daily commutes or outdoor adventures, it is the ideal power solution, giving you confidence in every use.



- \* The model complies with international standards such as EN50604.
- \* Ultra-large capacity, with over 50% increase in single-charge battery life.
- \* High protection rating, all meeting or exceeding IPX5 waterproof standard, with strong durability.
- \* Features a downtube/integrated modular design for easy installation and maintenance.
- \* Multi-cell compatibility, supporting 18650/21700 cells, adaptable to different voltage and capacity requirements.



High Energy Density  
High Energy Density



Safe and Reliable  
Safe and Reliable

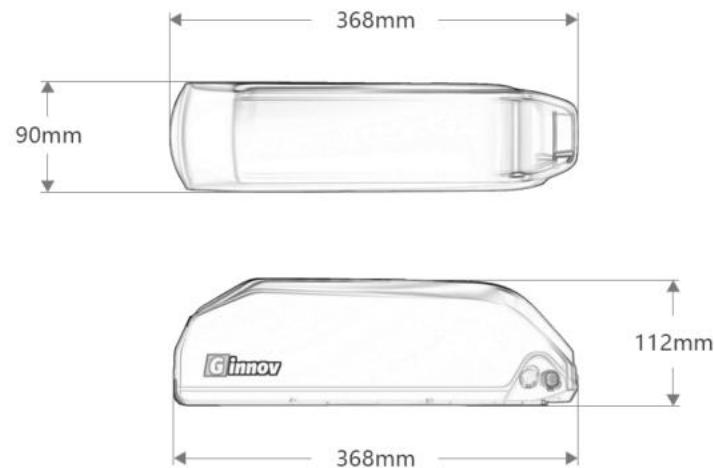


Long Cycle Life  
Long Cycle Life



Highly adaptable  
Highly adaptable

## parameter



### Basic data :

Maximum capacity	17.5Ah
Battery cell type	18650
Battery type	Downtube
Fault protection	EN50604
Waterproof level	>=IPX5
Working temperature range	-20°C~60°C

# 03

## BATTERY

### B36-GH

The B36-GH battery pack uses high-energy-density cells to provide long-lasting and stable power output, ensuring your devices or vehicles run smoothly for extended periods. Whether for daily commutes or outdoor adventures, it is the ideal power solution, giving you confidence in every use.



- \* The model complies with international standards such as EN50604.
- \* Ultra-large capacity, with over 50% increase in single-charge battery life.
- \* High protection rating, all meeting or exceeding IPX5 waterproof standard, with strong durability.
- \* Features a downtube/integrated modular design for easy installation and maintenance.
- \* Multi-cell compatibility, supporting 18650/21700 cells, adaptable to different voltage and capacity requirements.



High Energy Density  
High Energy Density



Safe and Reliable  
Safe and Reliable

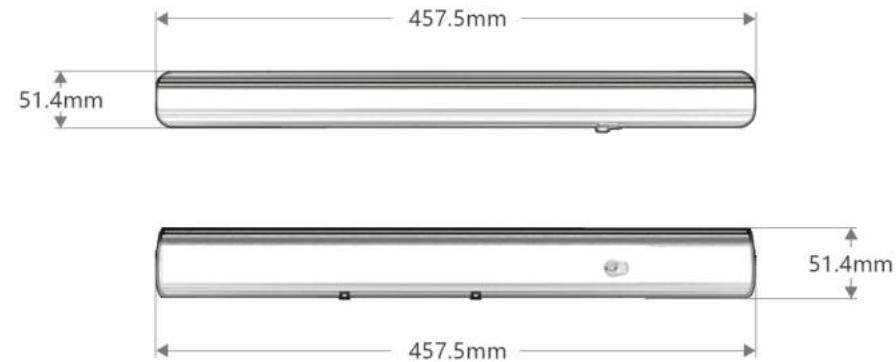


Long Cycle Life  
Long Cycle Life



Highly adaptable  
Highly adaptable

### parameter



#### Basic data :

Maximum capacity	10Ah
Battery cell type	21700
Battery type	In Tube
Fault protection	EN50604
Waterproof level	>=IPX5
Working temperature range	-20°C~60°C

# 03

## BATTERY

### B36-IG3

The B36-IG3 battery pack uses high-energy-density cells to provide long-lasting and stable power output, ensuring your devices or vehicles run smoothly for extended periods. Whether for daily commutes or outdoor adventures, it is the ideal power solution, giving you confidence in every use.



- \* The model complies with international standards such as EN50604.
- \* Ultra-large capacity, with over 50% increase in single-charge battery life.
- \* High protection rating, all meeting or exceeding IPX5 waterproof standard, with strong durability.
- \* Features a downtube/integrated modular design for easy installation and maintenance.
- \* Multi-cell compatibility, supporting 18650/21700 cells, adaptable to different voltage and capacity requirements.



High Energy Density  
High Energy Density



Safe and Reliable  
Safe and Reliable

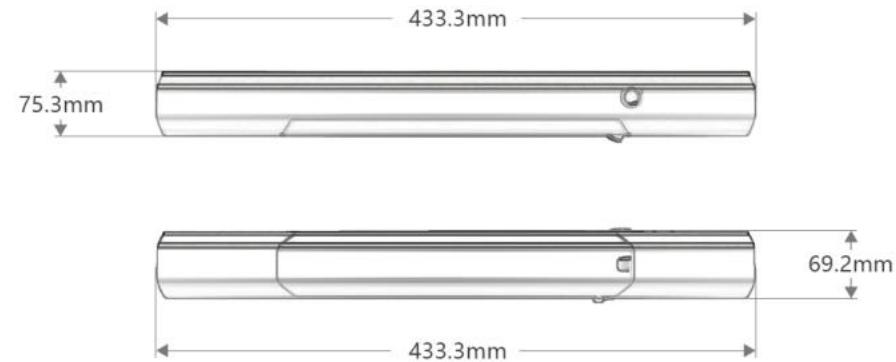


Long Cycle Life  
Long Cycle Life



Highly adaptable  
Highly adaptable

## parameter



### Basic data :

Maximum capacity	15Ah
Battery cell type	18650
Battery type	Integrated
Fault protection	EN50604
Waterproof level	>=IPX5
Working temperature range	-20°C~60°C

# 03

## BATTERY

### B36-IG4

The B36-IG4 battery pack uses high-energy-density cells to provide long-lasting and stable power output, ensuring your devices or vehicles run smoothly for extended periods. Whether for daily commutes or outdoor adventures, it is the ideal power solution, giving you confidence in every use.



- \* The model complies with international standards such as EN50604.
- \* Ultra-large capacity, with over 50% increase in single-charge battery life.
- \* High protection rating, all meeting or exceeding IPX5 waterproof standard, with strong durability.
- \* Features a downtube/integrated modular design for easy installation and maintenance.
- \* Multi-cell compatibility, supporting 18650/21700 cells, adaptable to different voltage and capacity requirements.



High Energy Density

High Energy Density



Safe and Reliable

Safe and Reliable



Long Cycle Life

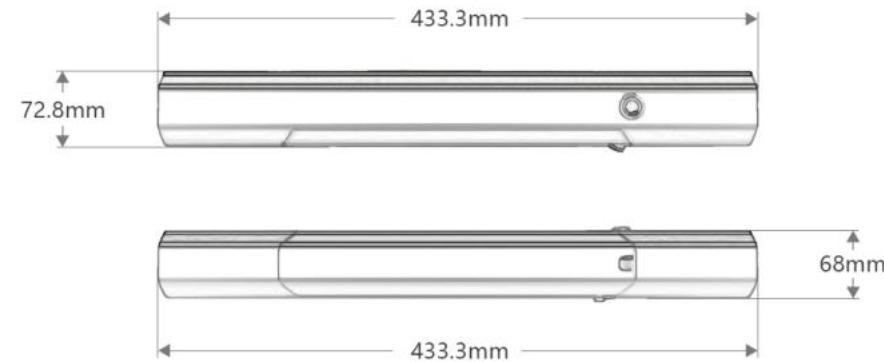
Long Cycle Life



Highly adaptable

Highly adaptable

### parameter



### Basic data :

Maximum capacity	20Ah
Battery cell type	18650
Battery type	Integrated
Fault protection	EN50604
Waterproof level	>=IPX5
Working temperature range	-20°C~60°C

# 03

## BATTERY

### B48-IG5

The B48-IG5 battery pack uses high-energy-density cells to provide long-lasting and stable power output, ensuring your devices or vehicles run smoothly for extended periods. Whether for daily commutes or outdoor adventures, it is the ideal power solution, giving you confidence in every use.



- \* The model complies with international standards such as EN50604.
- \* Ultra-large capacity, with over 50% increase in single-charge battery life.
- \* High protection rating, all meeting or exceeding IPX5 waterproof standard, with strong durability.
- \* Features a downtube/integrated modular design for easy installation and maintenance.
- \* Multi-cell compatibility, supporting 18650/21700 cells, adaptable to different voltage and capacity requirements.



High Energy Density  
High Energy Density



Safe and Reliable  
Safe and Reliable

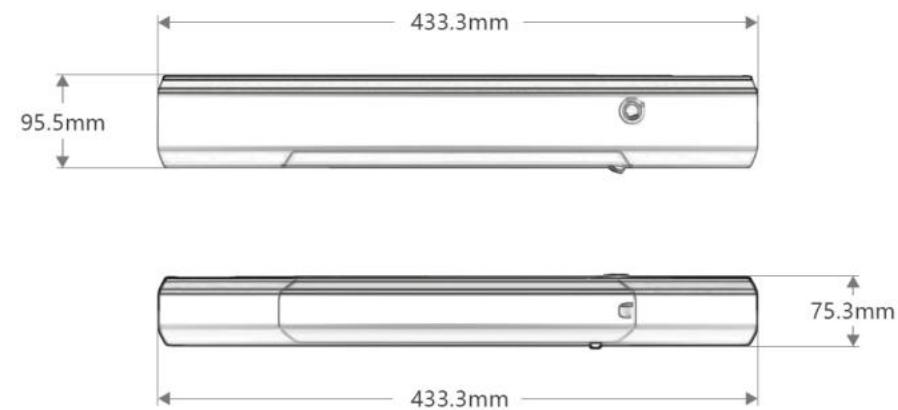


Long Cycle Life  
Long Cycle Life



Highly adaptable  
Highly adaptable

### parameter



### Basic data :

Maximum capacity	20Ah
Battery cell type	18650 13S4P \ 48V 20AH
Battery type	Integrated
Fault protection	EN50604
Waterproof level	>=IPX5
Working temperature range	-20°C~60°C

# 03

## BATTERY

### B48-RA4C

The B48-RA4C battery pack uses high-energy-density cells to provide long-lasting and stable power output, ensuring your devices or vehicles run smoothly for extended periods. Whether for daily commutes or outdoor adventures, it is the ideal power solution, giving you confidence in every use.



- \* The model complies with international standards such as EN50604.
- \* Ultra-large capacity, with over 50% increase in single-charge battery life.
- \* High protection rating, all meeting or exceeding IPX5 waterproof standard, with strong durability.
- \* Features a downtube/integrated modular design for easy installation and maintenance.
- \* Multi-cell compatibility, supporting 18650/21700 cells, adaptable to different voltage and capacity requirements.



High Energy Density  
High Energy Density



Safe and Reliable  
Safe and Reliable

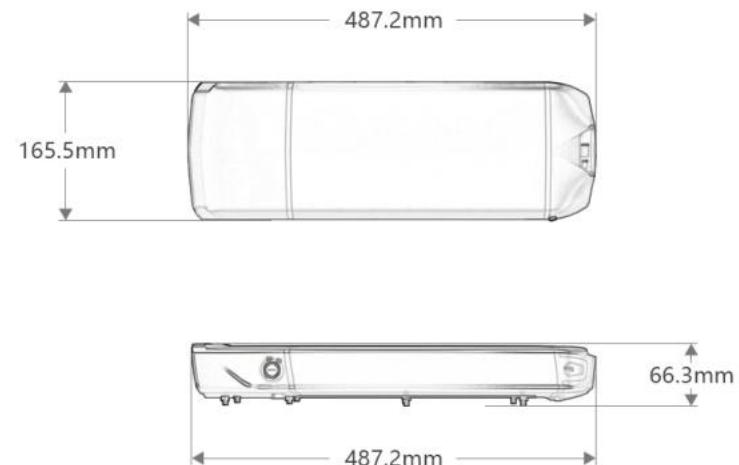


Long Cycle Life  
Long Cycle Life



Highly adaptable  
Highly adaptable

## parameter



### Basic data :

Maximum capacity	15Ah
Battery cell type	18650
Battery type	Rear Carrier
Fault protection	EN50604
Waterproof level	>=IPX5
Working temperature range	-20°C~60°C

# 04

## CHARGERS

### Faster Service & Support



Response  
with in **24** hours



Visit with in  
**3** working days



Repair completed  
with **72** hours  
(per battery pack)



### Smart Charger

Smart technology to improve charging safety and battery life.

 Compact casing

 Nice tooling

 ID identification to avoid misuse

 Early warning of abnormal charging

 Intelligent charging mode to prolong battery life

<b>Output Voltage</b>	36V	36V
<b>Output Current</b>	2A	4A
<b>Dimensions</b>	187*90*46mm	205*102*52mm
<b>Communication</b>	Single	Single
<b>Standard</b>	European/American standard	American standard
<b>Certification Ready</b>	UL/CE/GS	UL

/ SAFER / SMARTER / PROLONG SERVICE LIFE /

# 05

## COMPATIBLE WITH DRIVE SYSTEMS



Ginnov batteries are flexibly compatible with all kinds of drivesystems according to customers' requests, continuously providing strong power to smooth riding experience.

-  Simple and easy handling
-  Diagnose battery problem
-  Update battery program
-  Collect battery information
-  Track battery entire lifecycle according to EU 2013/1542

### IOT

- \* Full Netcom 2G/4G communication module.
- \* Bluetooth communication 5.1 or above.
- \* GPS/Galileo/BDS.
- \* Built-in vibration sensor to recognize device movement and other information.

A woman with long brown hair, wearing a green polo shirt and dark blue shorts, is sitting on a colorful blanket in a park. She is smiling and looking down at an open book she is holding. A white mountain bike is leaning against a tree behind her. The background shows a grassy field and some trees.

Thanks  
for watching