



**PREETO**  
PASSION ELECTRIFIED

**PREETO - ZW Drive GmbH**

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PREETO eBike Systems



**PREETO**  
PASSION ELECTRIFIED

# PRODUCTS AND FEATURES

Model year 2024







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## Mid Motor





**P60**



**Active Lightness  
Power when you need it**

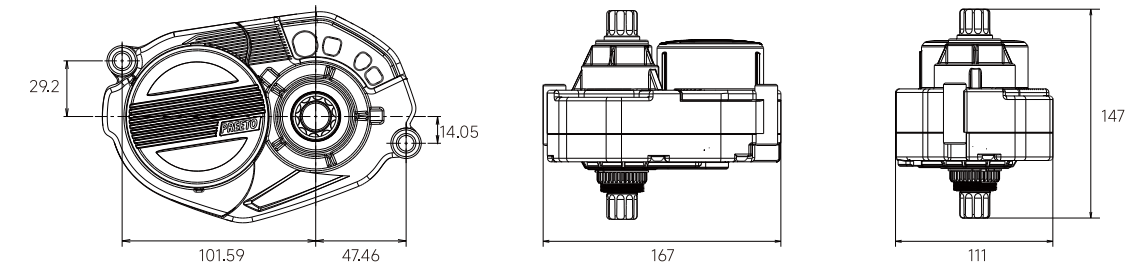
**PERFORMANCE THAT INSPIRES**

You want to build E-Bikes that look like bikes, handle and feel like bikes, still giving the rider any support needed, to complete his personal ride challenges with a smile. The PREETO P60 brings maximum power at minimum size and weight, to design any light assist E-bike from urban, to MTB to road and gravel.



<b>Performance</b>	60Nm	<b>Q-Factor</b>	170mm – ISIS
<b>Cadence</b>	110RPM	<b>Weight</b>	1950g
<b>Speed</b>	25km/h	<b>Options</b>	Crank length: 160/165/170mm - Chainring: 34/36/38/40/42 teeth

**MOUNTING**



**P90**



**PERFORMANCE THAT INSPIRES**

The PREETO P90 is the choice for any performance E-Bike, where the rider intends making use of every Wh in the battery, to get the top. The powerful and dynamic drive unit has been developed to handle all challenges - whether technical trail riding or adventure touring.

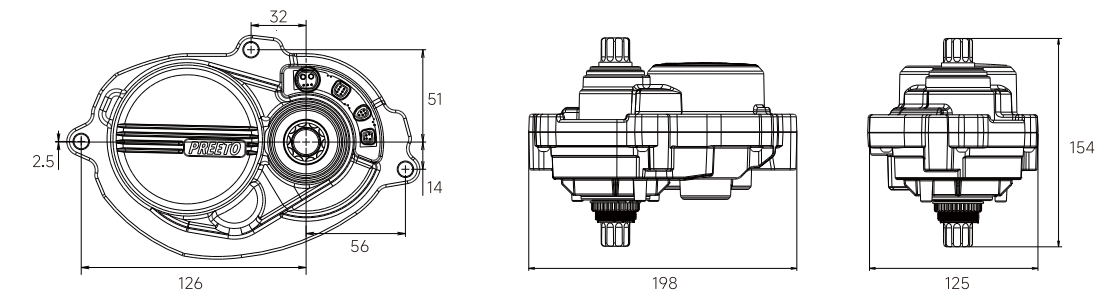


**Performance you can trust for all your climbs**



<b>Performance</b>	90Nm	<b>Q-Factor</b>	190mm (Achsenbreite 154mm) ISIS
<b>Cadence</b>	120RPM	<b>Weight</b>	2650g
<b>Speed</b>	25km/h	<b>Options</b>	Crank length: 160/165/170mm - Chainring: 34/36/38/40/42 teeth

**MOUNTING**





**P110**



**PERFORMANCE THAT INSPIRES**

The PREETO P110 is the workhorse which gets the job done. The specific Preeto cargo E-Bike system, has the extra power and endurance for all heavy bikes or precious loads, that need to be maneuvered safely.

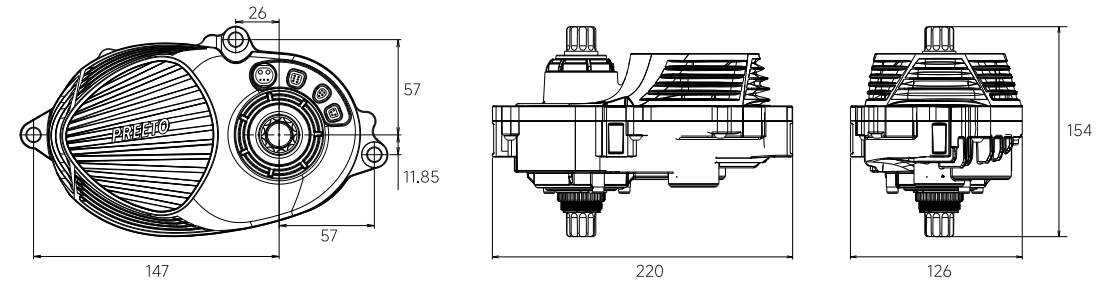


**The workhorse**



<b>Performance</b>	110Nm	<b>Q-Factor</b>	190mm (Achsenbreite 154mm) ISIS
<b>Cadence</b>	120RPM	<b>Weight</b>	2750g
<b>Speed</b>	25km/h	<b>Options</b>	Crank length: 160/165/170mm - Chainring: 34/36/38/40/42 teeth

**MOUNTING**





## Displays

with CAN,  
Bluetooth



### PD100B

Display size: 1.45"

Display type: TFT

Nominal Voltage: 24V/36V/48V

WIRELESS: Bluetooth 5.0

APP: PREETO APP ( ios & Android)

PROTOCOL: CAN BUS



### PD300B

Display size: 3.5"

Display type: TFT

Nominal Voltage: 24V/36V/48V

WIRELESS: Bluetooth 5.0

APP: PREETO APP ( ios & Android)

PROTOCOL: CAN BUS



### PD200

Display size: 2.0"

Display type: TFT

Nominal Voltage: 24V/36V/48V

PROTOCOL: CAN BUS



# Batteries



## ▶ PB 540



Capacity: 540Wh  
Configuration: 21700 (10S3P)  
Voltage: 36V  
Weight: 3.5kg  
Max. Continuous discharge current: 4A  
Protocol: CAN BUS  
Size: 426\*70\*82mm

## ▶ PB 540-C



Capacity: 540Wh  
Configuration: 21700 (10S3P)  
Voltage: 36V  
Weight: 3.5kg  
Max. Continuous discharge current: 4A  
Protocol: CAN BUS  
Size: 360\*90\*90mm

## ▶ PB 360



Capacity: 360Wh  
Configuration: 21700 (10S2P)  
Voltage: 36V  
Weight: 2.4kg  
Max. Continuous discharge current: 3A  
Protocol: CAN BUS  
Size:  $\Phi 60$ \*444mm

## ▶ PB 720



Capacity: 720Wh  
Configuration: 21700 (10S4P)  
Voltage: 36V  
Weight: 3.8kg  
Max. Continuous discharge current: 4A  
Protocol: CAN BUS  
Size: 405\*78\*95mm



# Cycling Mode



## Push MODE

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Press and hold the assist mode quick key to activate the assist function, and the maximum assist speed does not exceed 6 km/h.



## OFF

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In this mode, there is no motor assistance, and only cycling-related data is recorded.



## ECO

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The motor operates efficiently, allowing for the longest possible assisted riding distance.



## Sport

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Combining the force of the pedal stroke with the pedal rate, providing the best assistance;



## Tour

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Smooth assist mode, experience natural assistance.



## Booster

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Experience the maximum power of the motor, this mode allows the motor to respond quickly and powerfully, with fast start and acceleration, suitable for sporty riding styles.

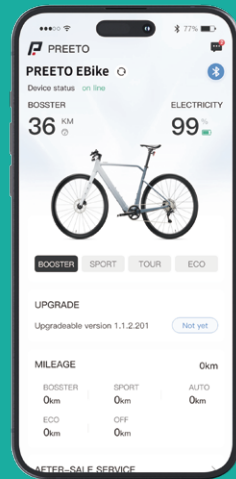




# PREETO APP

With PREETO APP, you can conveniently connect to your e-bike via Bluetooth, Obtain the latest date for your e-bike.

Download and install the latest upgrade software, customize each mode for yourself, Sharing you riding route.



## Navigation

With the built-in navigation function of the app, you can use your phone as an extended screen to experience a unique cycling navigation interface that guides you to your destination and records your cycling route and parameters in real-time.



## Individual assist mode

The assist level can be customized according to your preferences.



## Riding date history

As soon as you start riding, real-time data will be recorded, and each ride will form a riding profile for you to view while also allowing you to share your riding route and data on social media APPs;



## Upgrade via the cloud

You can get PREETO's latest software through Preeto App and experience the latest software version anytime.



## Diagnosis

Preeto App will conduct a comprehensive diagnostic analysis of your e-bike to determine the current health status of the hardware;



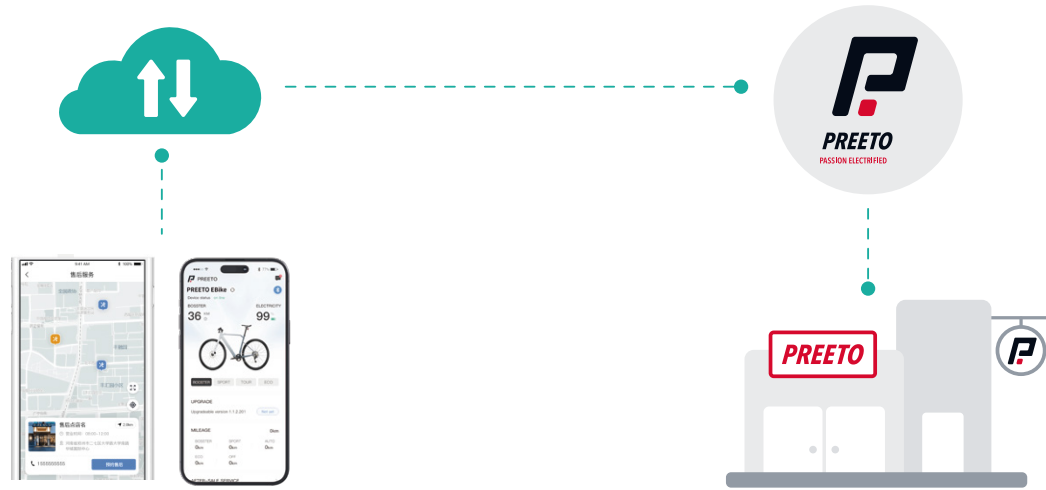
## After-sales service

With Preeto App, you can see nearby service centers and schedule appointments to have your Ebike serviced at the selected service center.





# After-Sales Service

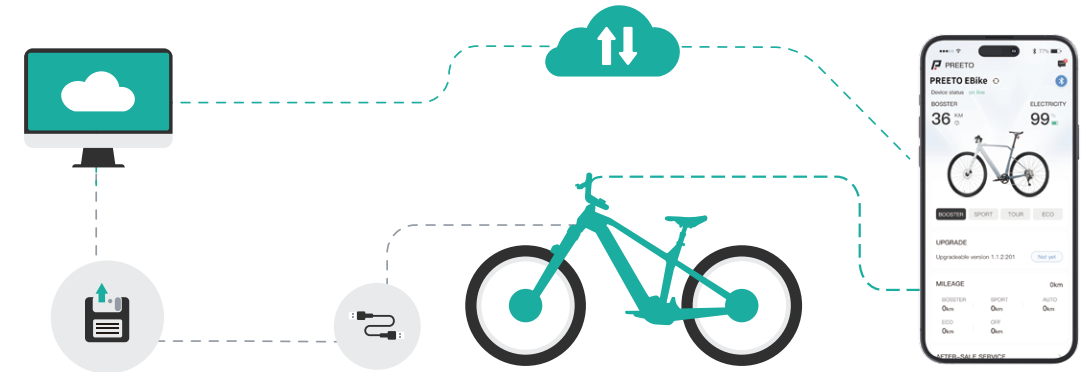


## Consumer

1. Consumers can use an app to schedule after-sales service, confirm the time and location of the service, and upload relevant information to the cloud.
2. Meanwhile, the latest self-diagnostic report will be uploaded to the cloud; (May not connect, shows no connection.)

## After-sales store

1. PREETO receives after-sales demand information; communicates with the after-sales cooperative store according to the consumer's needs and appointment;
2. Feedback to the consumer the confirmed after-sales time and location.



## The after-sales store diagnoses and confirms the problem in two ways:

1. Connect the smartphone app and the code reader via Bluetooth for self-diagnosis and output a diagnostic report.
2. Diagnose the drive system through a computer, CAN box, and diagnostic software. Based on the diagnostic report, determine the scope of after-sales service.
3. If the above cannot be connected, after-sales service will be provided by replacing the motor.