

ADO Beast 20F Electric Bicycle

Off-Road | 20x4.0 inch Fat tire | Torque Sensor |
ADO Smart APP | 36V*14.5AH Big Battery



A DECE OASIS

PRODUCT DESCRIPTION

ADO Beast 20F- an All-terrain performance beast, with 20*4.0 fat tires and 250W high power (65N.m) make your travel very adventurous.

Also equipped with a torque sensor that can provide power when you are riding hard.

ADO Beast 20F will bring you a new subversive extreme experience you never had.



C O N T E N T S

01

Main Features

- High Efficiency Motor & Strong climbing ability
- Torque Sensor
- 120KM Long Battery Life
- ADO Smart APP
- 360° Full Viewing Display

02

Safe & Comfortable Configuration

- Safe and Efficient Braking system
- 20*4.0'' Fat Tire
- Shock Absorbing System
- SHIMANO 7-Speed Gear Shifter

03

The ADO Lab

- EN 15194:2017 Certificate
- SGS QTL
- QTL Lab Assists with Mass Production

04

Other Parts

- Removable & Portable Battery
- DesignQuick Folding
- Color & Size
- Specification

01

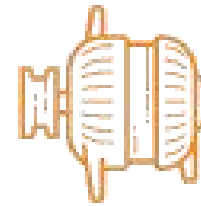
Main Features

- High Efficiency Motor & Strong Climbing Ability
- Torque Sensor
- 120KM Long Battery Life
- ADO Smart APP
- 360° Full Viewing Display

Unleash the Beast of the Road



The 250W (65N.m) high-speed brushless motor packs a strong punch, let you gallop on the mountain and gravel road, it matches your pedaling force for an easy incline and quick pace.



Motor power

500W

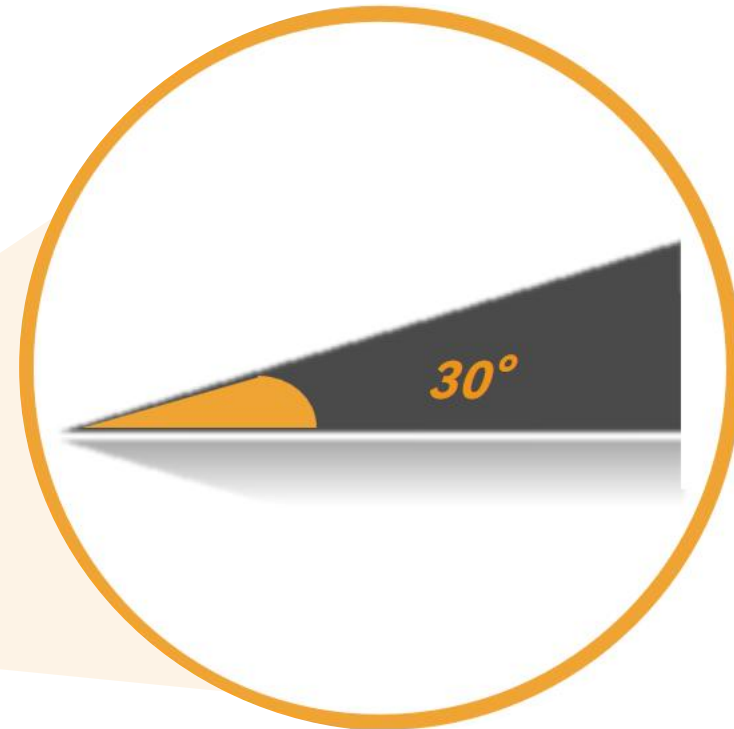


Motor speed

380±10 R/MINS

Easily Cope with 30° Hill-Climbing

Thanks to the powerful 250W (65N.m) motor ,ADO Beast 20F can easily push the ebike up a 30° slope, like walking on flat ground.



Smooth Acceleration with Torque Sensor



| Smooth Riding

With our new, self-developed G-Drive 3.0 control system, dynamically amplify your pedal power, allowing the ebike to accelerate more smoothly and ride to a safe and comfortable speed.

Comparison of advantages

Torque Sensor

Measures whether & how hard you pedal



Start Up Faster

Accurately calculate your pedaling force, provide extra power instantly



Fast Response

Small elastic hysteresis effect, and the generated torque signal can change very quickly



Range 30% Further

Low consumption, longer battery life



Speed Sensor

Measure if you're pedaling



Slow Start

The controller sets low output at low speed, slow start



Hysteresis

Works through the transmission of the motor, it has defects such as friction, clearance, and hysteresis.



Fast Power Consumption

A speed-sensor ebike consumes more battery capacity.

Long Battery Life

Whith 36V14.5AH battery,the range up to 120 KM.

For most people, it only needs to be charged once or twice a week to complete a full week of commuting.

ADO Beast 20F has been seeking to break through the limits.

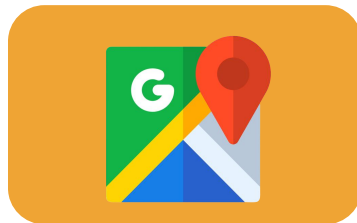
120KM



Guide your ride with ADO smart

ADO SMART APP

Connect to the ADO smart APP through Bluetooth, not only can you monitor riding records, save fault repair records, but you can also communicate with customer service with one click.



Smart Navigation

Go anywhere



Real-time After-sales window

Online customer service chat



Health Partner

Set your cycling mileage

360° Full Viewing IPS Colorful Display

320*240PX High resolution and IPX7 high waterproof level .

At the same time, the glass cover uses high-strength Panda 2.5D glass, AF coating , it displays the detected data such as temperature, humidity, weight, time, etc.



02

Safe & Comfortable Configuration

- Safe and Efficient Braking system
- 20*4.0" Fat Tire
- Shock Absorbing System
- SHIMANO 7-Speed Gear Shifter

Safe and Efficient Braking system

Front and rear hydraulic disc brakes

Hydraulic disc brakes provide a more timely, safer and more enjoyable overall riding experience thanks to the fluid - not the drag, hysteresis like cables.

Safe

Efficient

Timely





A DECE OASIS

20*4.0'' Fat Tire

ADO Beast 20F's fat and thick tires can absorb 90% of the bumps on the ground, while riding on various terrains to achieve the most powerful and exciting ride.

Gravel road



Snowy road



Sandy road





Make your ride more comfortable

With a front fork damping system, which can buffer the strong impact if you encounter unexpected bumps when you climb over a mountain at a very high speed.

Also the combination of the front fork damping system and 20x4.0 large tires becomes extremely strong double shock absorption to achieve the most powerful and comfortable riding tour .

SHIMANO 7-Speed Gear Shifter

ADO Beast 20F provides a transmission system that can adjust 7 gears - SHIMANO 7 Speed, whether you are climbing mountains or cruising on flat ground, you will always find the best gear to help you save energy and start a day of easy riding



03

The ADO Lab

- EN 15194:2017 Certificate
- SGS QTL Lab
- QTL Lab Assists with Mass Production



Pass EN15194:2017 Certification




No.: HGMDVOC2022060001

VERIFICATION OF CONFORMITY

Applicant: Shenzhen UMI Technology Co.,Ltd.
 Address of Applicant: Rm#1008, Henglu E Era, No.159, Pingji Avenue, Pinghu Street, Longgang District, Shenzhen, China
 Product: Electric assisted bicycle
 Model/Type No.: A20 Air, A20 Lite
 Test Standard: EN15194:2017
 Test Report No.: SZEM220100051801R1
 SZEM220100051802R1
 GZHL2201002793BC
 GZES220100165331
 GZHL2203008069BC

This verification has been granted to the applicant based on the results of test, performed by laboratory of SGS-CSTC on sample of above-mentioned product in accordance with the provisions of the relevant specific standards and the Machinery Directive 2006/42/EC. The CE mark can be affixed, under the responsibility of the manufacturer, after completion of a Declaration of Conformity and compliance with all relevant EC Directives and Regulations.

This Verification is valid from 13 Jun 2022, to 13 Jun 2027,
 13 Jun 2022, Issue 1,
 Authorized Signatory
Joe
 Product Certification Manager

SGS-CSTC Standards Technical Services Co., Ltd.
 198 Kezhu Road, Sciencetech Park, Guangzhou Economic & Technology Development District, Guangzhou, Guangdong, China (Zip Code: 510663) www.sgs.com

PROFESSIONAL CE CERTIFICATE ISSUED BY SGS LAB

SGS is the world's leading inspection, verification, testing and certification body, recognized as the benchmark for quality and integrity. Through various tests of SGS lab, the quality is reliable and guaranteed.



Note 1: In addition, the manufacturer shall file and keep the documentation according to the rules of the applicable directive(s) and shall consider changes of the standards as they may occur. Additional requirements, additional directives and local laws may be applicable.
 Note 2: SGS assumes no liability to any party, other than to the client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this verification.
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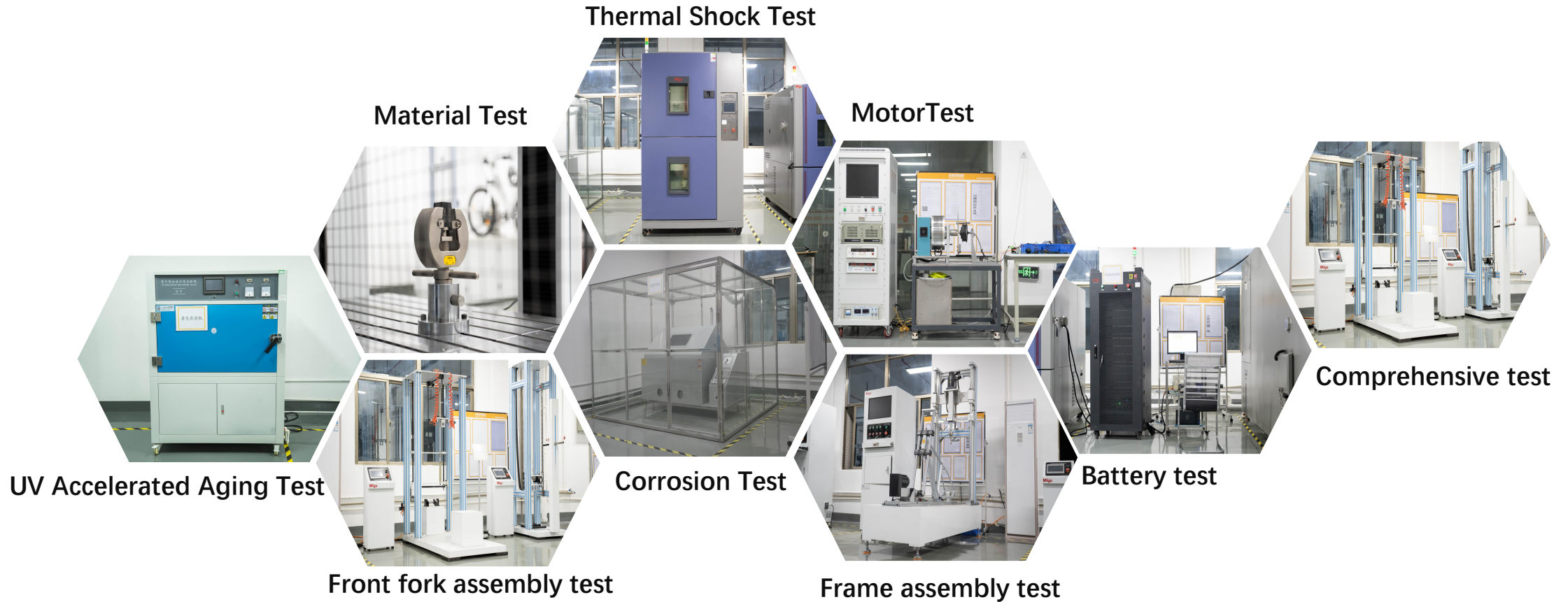
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SGSPAPER
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The QTL Laboratory of SGS

The ADO QTL (Qualified Testing Lab) is authorized by SGS official



*There are a total of 78 test items, if you need more information, please contact customer service.

The QTL Lab Assists with Mass Production

The product quality is strictly controlled from IQC, IPQC, FQC, OQCD and other links. The laboratory provides accurate, reliable and timely testing data for production to ensure product quality.



**QC
PASSED**



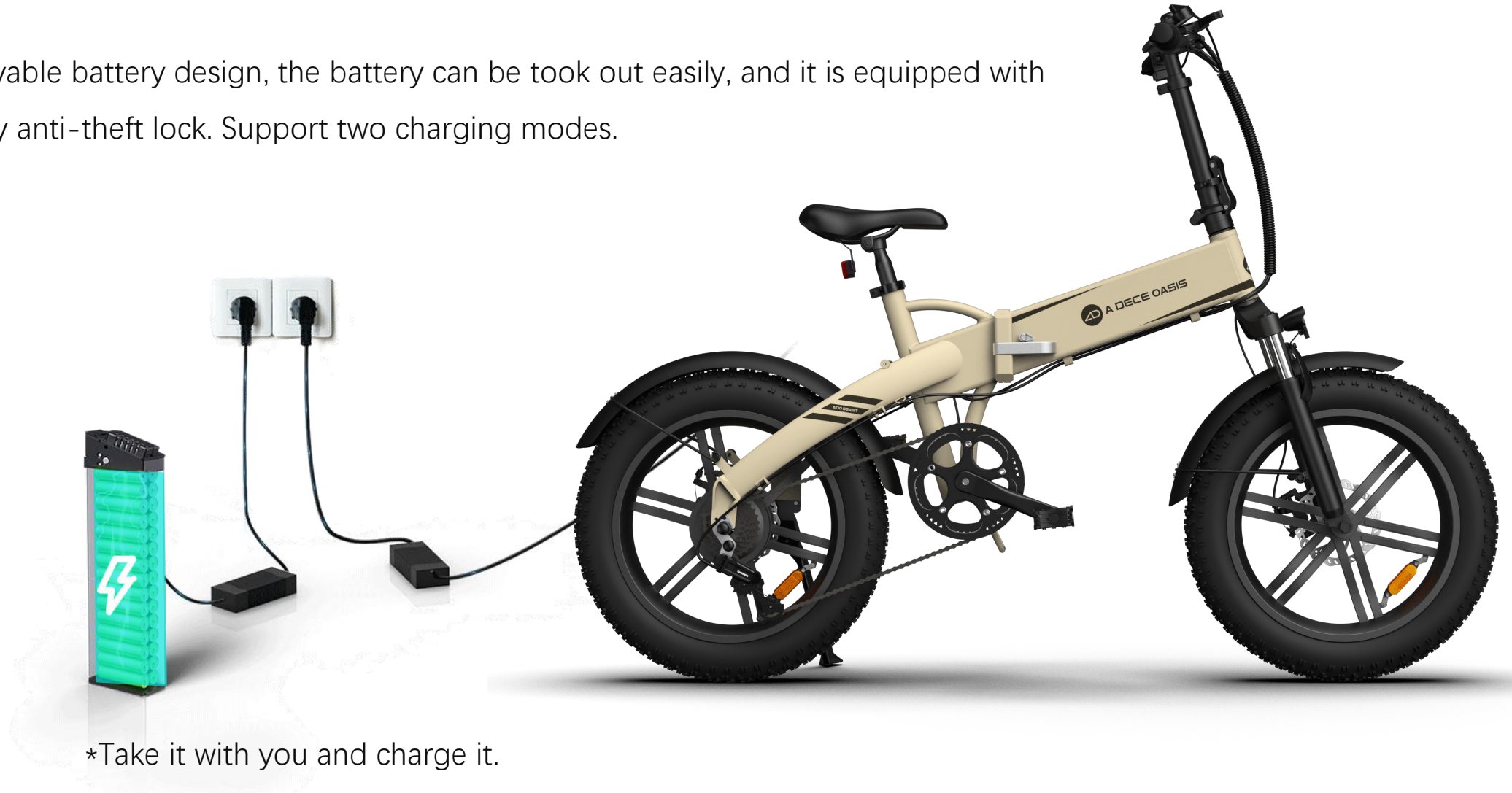
04

Others

- Removable & Portable Battery Design
- Quick Folding
- Color & Size
- Specification

Removable & Portable Battery Design

Removable battery design, the battery can be took out easily, and it is equipped with battery anti-theft lock. Support two charging modes.

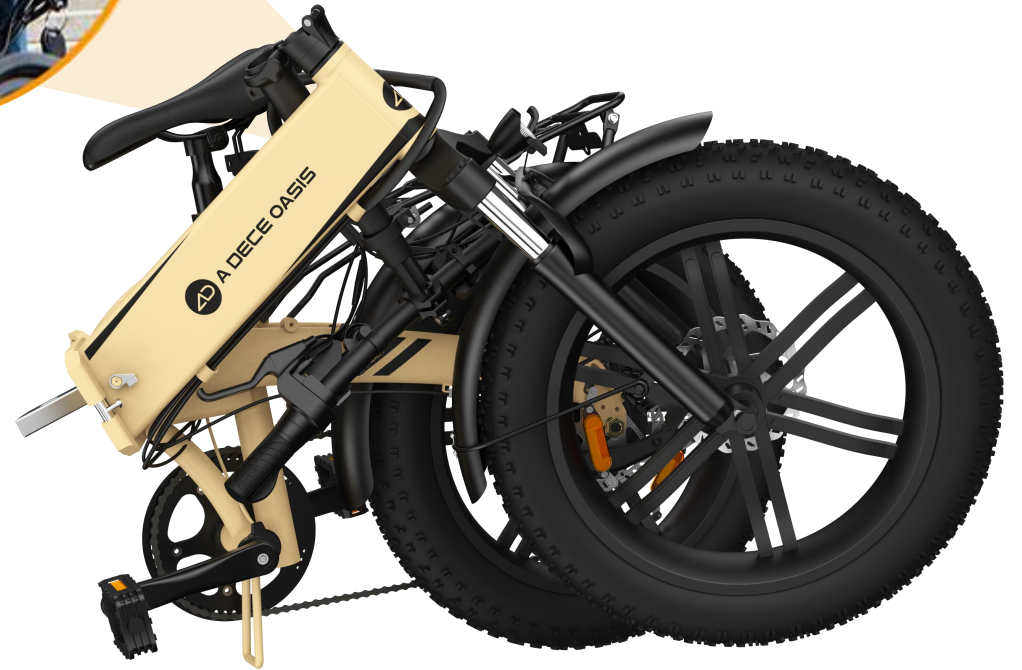


*Take it with you and charge it.

QUICK FOLDING

Three-segment folding design for easy storage

Easily put into the trunk, enter and exit elevators, offices.



10 SECONDS

AVAILABLE COLOR



Black

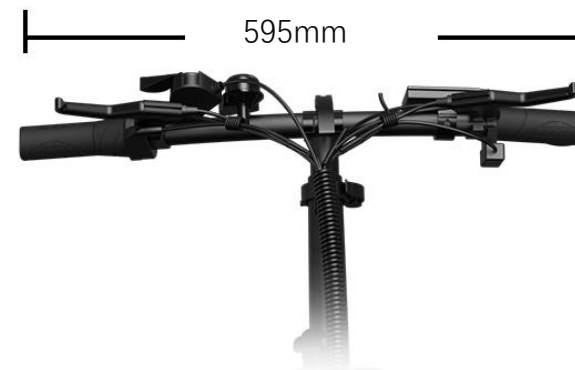
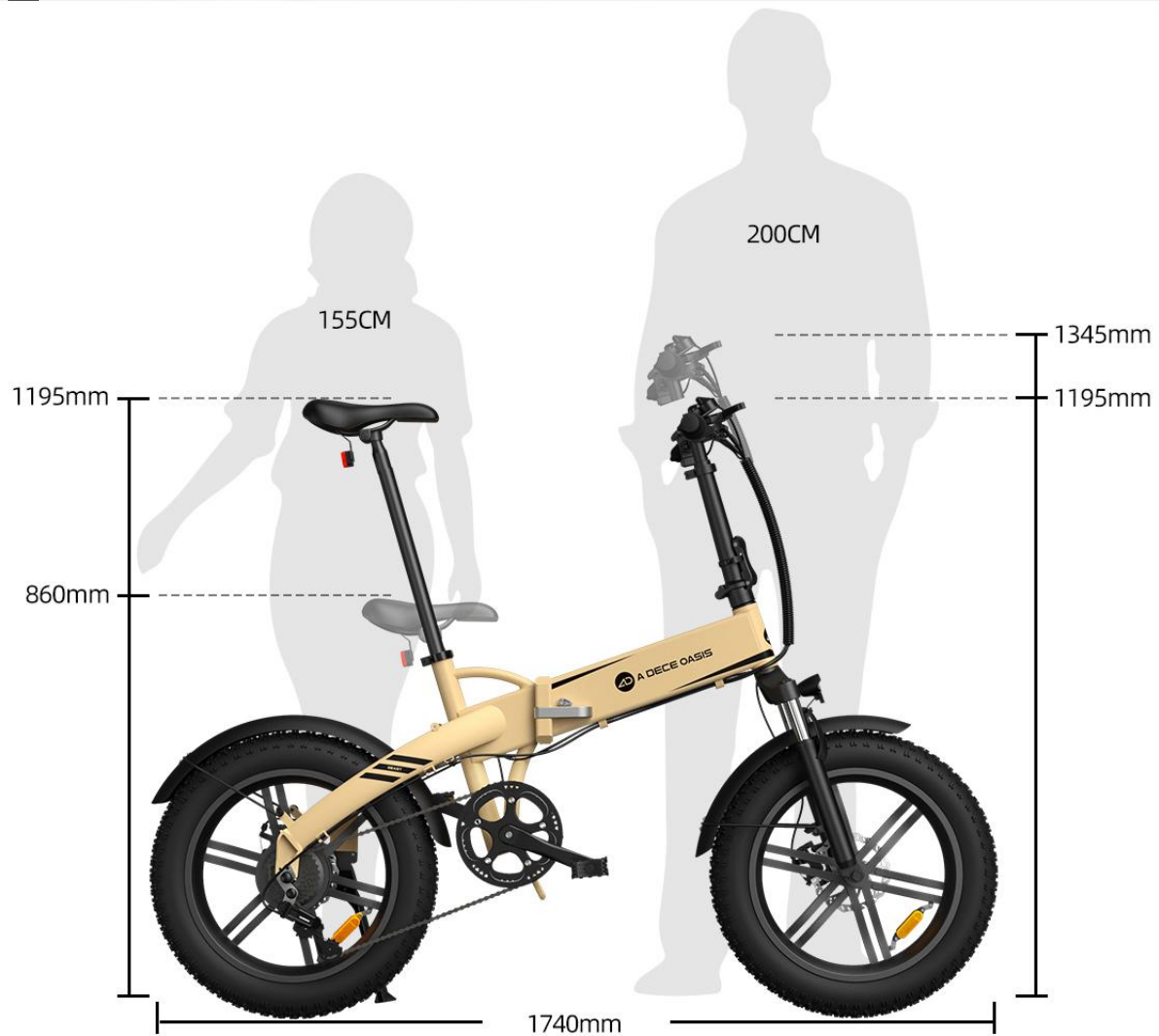


Sand



White

SIZE



520x1090mmx735mm

SPECIFICATION

Product Description		Battery	
Color	White & Black & Sand	Battery type	Lithium battery
Tire size	20*4.0 inch	Battery capacity	36V/14.5Ah
Overall unit dimensions L×W×H	1740*595*1200mm	Charging time	5-7 hours
Folding dimensions L×W×H	1090*520*735mm	Motor	
Package dimensions L×W×H	1010*490*730mm	Rated power	36V/250W
Product weight	28.5 KGS	Torque	65N.m
Gross.weight	35.7 KGS	Other	
Max.Load	120KGS	Transmission system	SHIMANO 7-Speed
Waterproof level	IP X5	Sensor	Torque sensor
Max.Speed	25KM/H	Brake system	Hydraulic disc brake
Climbing angle	30°	Hardware	
Electric range	/	Display *(IP X7)	360° full viewing IPS colorful display
Assisting range	<120KM	APP	ADO Smart APP

THANKS

Cross your city , ADO EBIKE