



**MODEL:v-07**

## **USER MANUAL**

### **Attention!**

Please keep the instruction manual properly!

To ensure your safety, please read the instruction manual carefully before using the electric bicycle to better understand the performance of the electric bicycle.

# TABLE OF CONTENTS

TABLE OF CONTENTS .....	2
WARNING! .....	3
PRODUCT INFORMATION .....	5
INSTALLATION OF INTEGRAL BODY .....	6
REMOVE OR INSTALL THE BATTERY .....	9
ABOUT THE SUSPENSION FORK .....	10
INSTRUMENT INTRODUCTION .....	11
DISPLAY SETTING .....	12
ERROR CODES .....	13
MAINTENANCE AND USE SKILLS OF E-BIKE .....	15
WARRANTALL .....	16
ELECTRIC BIKE MAINTENANCE .....	16

# WARNING!

## Don't Ride Until You Read This

1	Always wear a helmet when riding your electric bike
2	Keep the keys properly. If the unique keys are lost, you will not be able to turn on the bike or replace the battery. If necessary, you should get more spare keys. We don't have a backup key.
3	Make sure your electric bike has a full battery before taking it out to ride.
4	Always be aware of local road laws, and follow them.
5	Do not ride the eBike under the influence of drugs or alcohol.
6	Always respect pedestrians.
7	Do not put the bike under humid condition for a long time. Although our electric bikes are waterproof humidity ruins everything. It may damage electronic and void warranty.
8	NOTE TO ALL RIDERS UNDER 18 YEARS OF AGE: It's very important that you get parental permission before riding your electric bike.

## HELMETS SAVE LIFE!!!

- ✧ ALWAYS WEAR A PROPERLY FITTED HELMET WHEN YOU RIDE
- ✧ DO NOT RIDE AT NIGHT
- ✧ CPSC RECORDS SHOW THAT ABOUT 35% OF BICYCLE-RELATED DEATHS OCCUR AFTER DARK
- ✧ AVOID RIDING IN WET CONDITIONS CPSC
- ✧ RECORDS SHOW THAT ABOUT 65% OF INJURIES HAPPEN TO CHILDREN UNDER 15 YEARS OF AGE
- ✧ RIDE ONLY WITH ADULT SUPERVISION



CORRECT FIT - MAKE SURE YOUR HELMET COVERS YOUR FOREHEAD.



INCORRECT FITTING. FOREHEAD IS EXPOSED AND VULNERABLE TO SERIOUS INJURY.

FULLY CHARGE BATTERIES BEFORE FIRST USE- Batteries should be fully charged immediately when they are received and immediately

after each use for the recommended charge times (Product Information)

We recommend that you consult a bicycle specialist if you have doubts or concerns as to your experience or ability to properly assemble, repair, or maintain your bicycle. Additional warning/cautions are in the assembly section of this manual. With proper care and maintenance, Electric Bicycle will provide ease of use and be fun to ride.

Below are points that will help you to maximize the enjoyment you get from your new hybrid electric bicycle

## **FACTORS TO MAXIMIZE THE RANGE OF YOUR HYBRID ELECTRIC BICYCLE**

**Ride R input** -the more the rider pedals the further the distance traveled. Continuous riding, as opposed to frequent stopping and starting, will yield the greatest range possible

**elevation Gain** -the flatter the road the further the distance traveled

**Weathe R**-cold weather can adversely affect the battery capacity

**Wind** - traveling with a tailwind will increase distance traveled, traveling into a headwind will decrease distance traveled

**teRRain** -the smoother the terrain (roadways vs. Fire roads, etc,) the further the distance traveled

**Ride R WeiGht** -the lighter the rider, resulting in less drain on the batteries, the further distance traveled

**Bicycle Maintenance**- a properly maintained bicycle will yield the greatest range possible

**tiRe pReSSu Re** - properly inflated tires have less rolling resistance and will be easier to pedal

**Batte Ries**- properly charged and maintained batteries will yield the greatest range possible, Batteries stored in cold areas (below 50 degrees Fahrenheit/ 10

degrees Celsius) will show reduced range. Batteries that have not been kept in optimum condition will show reduced range and run time. Read this entire manual before assembling or using your new electric bike. Do not modify, disassemble, or replace the original electrical components on your eBike. Doing so will invalidate your warranty and could put you in danger. Riding any type of eBike comes with some risks which can't be predicted or avoided. Taking proper care of eBike components can lower the risk of sudden failure of components but cannot prevent it. These sudden failures could cause serious harm, injury, or death to the rider. If you notice abnormalities in any component on the eBike, take it to a licensed mechanic to be repaired or replaced immediately. Dakeya Bike LTD assumes no liability for harm, injury, or death of the rider.

This manual is not intended to function as a detailed service manual. Dakeya Bike recommends having your local bike shop mechanic perform a detailed safety check of your eBike before your first ride. Ensure your local mechanic is experienced and reputable.

The Dakeya V-07 can withstand most rain showers without sustaining damage. The eBike has an IP rating of 56. This means it is dust tight and can withstand jetting water. See the IP code for more details.

It does not mean that the eBike and its mechanical and electrical components are waterproof. We do not recommend storing or using the eBike in excessively wet conditions. The warranty does not cover water damage.



# PRODUCT INFORMATION

<b>Brand</b>	Dakeya	<b>Model name</b>	V07
<b>Motor</b>	1000W	<b>Tire</b>	26*4.0in
<b>Max speed</b>	35MPH(56KM/H)	<b>Gears</b>	Shimano 7-speed
<b>Weight</b>	31KG	<b>Max load</b>	160kg/350lbs
<b>Brake</b>	Front and rear hydraulic disc brakes	<b>Shock absorption</b>	Fork Shock Absorption
<b>Battery</b>	48V/15AH	<b>current of charger</b>	2A
<b>Charging time</b>	7.5hours	<b>Material</b>	Body aluminum alloy



## Detailed dimensions

A;HANDEL long: 72cm/28.3in	G;FRAME: 45cm/17.7in
B;SPAN: 190cm/74.8	H;FRAME: 72cm/28.3in
C;HANDEL height: 115cm/45.3in	I;TIRE: 74cm/29.5in
D;SEAT: 92~103cm/36.2~40.5in	Suitable height: 160~200cm/63~78.7in
E;SHEL; 80. cm/31.5in	Load-bearing: 150kg/330.7lbs
F;HANDEL to SEAT: 65cm/25.6in	

# INSTALLATION OF INTEGRAL BODY



Turn the stem forward  
( do not turn the whole  
fork )



Adjust the stem to  
the front and lock the  
screws with an allen  
key. Use an Allen key  
to remove 4 bolts.



Attach the handlebar  
to the stem connection,  
and thread in the bolts.



Angle the display to  
make sure it won't be  
pressed down before  
you turn the body!



Take the brackets off  
the shocks.



Remove the bracket  
from the brake.



Turn the body up and  
down (Attention! Please  
put a sponge under the  
handle .)



Put the tires on and  
note the position of  
the brake pads.





Left shim



Right shim



Tighten the screws on both sides



Install headlights and front fenders



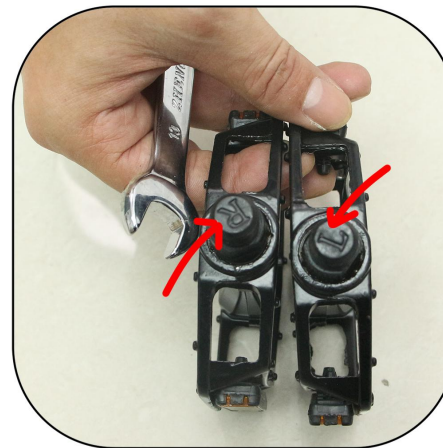
Installing the fenders on the shocks  
(Shocks come with screws and spacers)







Installation of cushions



When installing the pedal, pay attention to distinguishing between "R" and "L"



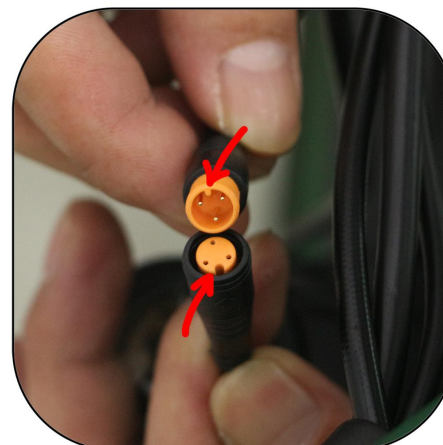
Use a wrench to tighten the pedal.



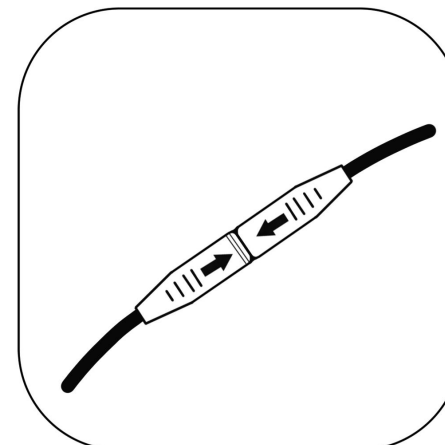
Rear fenders mounted underneath (It's the same on the other side.)



Rear rack mounted in the top two holes (The same on the other side).



Joints of the same color are connected



Look closely and you can see the arrows in the joint, arrow to arrow connection

## REMOVE OR INSTALL THE BATTERY



Remove the battery (please drag the battery by hand to avoid dropping it)



Installation of batteries: Put in the battery and press firmly, there will be a "click", and then lock.



## ABOUT THE SUSPENSION FORK

1. Check that your suspension fork is properly adjusted for the terrain and your weight. The suspension fork will affect the handling of the bike, primarily when going over bumps and stopping. In some situations, it may be advantageous to lockout the suspension so it is fully rigid.
2. The suspension fork can be locked out so it is rigid, and the tension is adjustable. To adjust the suspension fork use the knob. To fully lock the suspension, turn the knob clockwise towards the "lock" direction indicated until it cannot be turned further.
3. To increase the stiffness, turn the knob clockwise towards the "lock" direction indicated. To make the suspension softer turn the knob counterclockwise towards the "open" direction indicated.



## PRE-RIDE SAFETY CHECK

- Ensure all components are properly secured before riding otherwise serious harm or death could occur. This includes but is not limited to: pedals, handlebar clamp, cranks, seat, and seat post clamp.
- Make sure you can't twist the seat or stem out of alignment by hand
- Check that your suspension fork is properly adjusted for the terrain and your weight.

# INSTRUMENT INTRODUCTION



Power level

Fault indication

Speed indication

Push indication

Single mile  
Total mileage  
Maximum speed  
Average speed



Headlight indicator


Speed unit  
Metric:KM/H  
Imperial:MPH

Cruise Indicator

Gear Indicator

Numerical value and unit

## Turn off the Display and power off

Press and hold the “” button for more than 3 seconds, and the display will be closed.

# DISPLAY SETTING

To change display settings, hold the up and down button simultaneously to enter into the advanced settings menu In this menu, clicking the “+” button will toggle between each numbered(P01~P16) setting.To adjust the value of each setting,click the “i” buttons accordingly.

Setting	Function	Default	Explanation
P01	Brightness	3	<b>Backlight display brightness.The darkest level is 1, the brightest level is 3.</b>
P02	Distance Units	1	<b>Distance Units. 0: KM; 1: MILE.</b>
P03	Voltage	48	<b>Voltage of the motor. Do not change it.</b>
P04	Sleep	10	<b>LCD Display sleep timer. With the default setting, the display will turnoff after it has not been used for10 minutes.</b>
P05	PAS Gear	005	<b>The available PAS level settings are: 0~3, 1~3, 0~5, 1~5, 1~7, 0~7, 0~9, 1~9.</b>
P06	Tire Size	26.0	<b>Tire size. Used by the electronics to compute speed and distance Traveled. Do not change it.</b>
P07	Speed Measure	1	<b>Magnetic steel number of the speed sensor. Do not change it.</b>
P08	Speed Limit	100	<b>Speed limit.Range is 0-100.100 indicates no speed limit.25 or value under 25 indicates that the maximum operating speed of the vehicle will not exceed 25km/h.if the max speed of the vehicle is 45km/h input a value between 25 and45, this value represents the maximum speed of the vehicle. Error:+5km/h</b>
P09	Start-up setting	0	<b>09P is the start-up setting. The display can choose the following start modes: 00→zero start, 01→non-zero start.</b>
P10	Drive mode setting	1	<b>The available drive modes are: 00→Pedal assist only, 01→Electric only, 02→Both Pedal assist and electric.</b>
P11	Pedal assist sensitivity setting	1	<b>When set to higher numbers, it will take more crank rotations to activate the motor. On lower numbers, it will take little crank rotation to activate the motor. The adjustable range is: 1~24.</b>
P12	Pedal assist strength setting	5	<b>P12 is the Pedal assist strength setting. The Pedal assist strength is the relative strength of the PWM signal from the controller when start to activate pedal assist. The adjustable range is 0 ~ 5. 0 is the weakest strength and 5 is the strongest</b>
P13	<b>Number of pedal assist sensor magnets setting</b>	5	<b>P13 is the number of pedal assist sensor magnets setting. The adjustable range: 5, 8, 12 pcs.</b>
P14	Controller Current Limit Setting	15	<b>P14 is the controller current limit setting. The adjustable range is: 1~50A.</b>
P15	Battery under voltage value setting	39.0	<b>P15 is the battery under voltage setting. The value can be adjusted based on the current rated voltage</b>
P16	ODO resets setting	NA	<b>P16 is the ODO resets setting. The display can choose the following: 00→non reset, 01→reset</b>

We do not recommend that you change the settings if your e-Bike work swell. Changing the settings may cause your e-Bike to stop working properly. If your e-Bike doesn't work properly after you change the settings, please return to the default settings. Dakeya may change the default value in production without notice. If you need any help, please contact us.



# ERROR CODES

Code	Definition	Handling method
E001	Controller failure	
E002	Communication failure	
E003	Hall failure	
E004	Throttle failure	
E005	Brake failure	Check whether the brakes are in position; Replace the brake handle.
E006	Low-battery	Check whether the battery needs recharging
E007	Motor phase failure	Check whether the hall wire of the motor is loose
E008	Throttle failure	Whether to return the handle; Check the connection of the handle, if normal, need to replace the handle
E009	Controller failure	Check the cable harness connection of the controller or replace the controller with a new controller
E010	Communication reception failure	Check that the display cable is properly connected
E011	Communication transmission failure	Check that the display cable is properly connected

Note: If you hold the brake while starting the bike, there might be E005 showing up too which will disappear in seconds, it's normal and affects nothing.

## Trouble shooting

If your bike is not operating normally, there are some simple steps that can be taken to remedy the situation quickly. There may or may not be an error code that pops up on the screen depending on the

issue. Solutions to common problems, as well as error code meanings, can be found below. If you have any questions at all regarding the basic troubleshooting below reach out to Dakeya Bikes customer support.

Symptoms	Possible Causes	Most Common Solutions
The bike does not work	<ol style="list-style-type: none"> <li>1. Battery not fully installed into frame mount receptacle</li> <li>2. Battery switch turn off</li> <li>3. Insufficient battery power</li> <li>4. Faulty connections</li> <li>5. improper turn on sequence</li> <li>6. Brakes are applied</li> <li>7. Blown discharge fuse</li> </ol>	<ol style="list-style-type: none"> <li>1. Install battery correctly</li> <li>2. Turn on the battery switch</li> <li>3. Charge the battery</li> <li>4. Clean and repair connectors</li> <li>5. Turn on bike with proper sequence</li> <li>6. Disengage brakes</li> <li>7. Replace discharge fuse</li> </ol>
Irregular acceleration and/or reduced top speed	<ol style="list-style-type: none"> <li>1. Insufficient battery power</li> <li>2. Loose or damaged throttle</li> </ol>	<ol style="list-style-type: none"> <li>1. Charge or replace battery</li> <li>2. Replace throttle</li> </ol>
The motor does not respond when the bike is powered on	<ol style="list-style-type: none"> <li>1. Loose wiring</li> <li>2. Loose or damaged throttle</li> <li>3. Loose or damaged motor plug wire</li> <li>4. Damaged motor</li> </ol>	<ol style="list-style-type: none"> <li>1. Repair and or reconnect</li> <li>2. Tighten or replace</li> <li>3. Secure or replace</li> <li>4. Repair or replace</li> </ol>
Reduced range	<ol style="list-style-type: none"> <li>1. Low tire pressure</li> <li>2. Low or faulty battery</li> <li>3. Driving with too many hills, headwind, braking, and/or excessive load</li> <li>4. Battery discharged for long period of time without regular charges, aged, damaged, or unbalanced</li> </ol>	<ol style="list-style-type: none"> <li>1. Adjust tire pressure</li> <li>2. Check connections or charge battery</li> <li>3. Assist with pedals or adjust Route</li> <li>4. Balance the battery; contact customer support if range decline persists</li> </ol>
Wheel or motor Makes strange noises	<ol style="list-style-type: none"> <li>1. Loose or damaged wheel spokes or rim</li> <li>2. Loose or damaged motor wiring</li> </ol>	<ol style="list-style-type: none"> <li>1. Tighten, repair, or replace</li> <li>2. Reconnect or replace motor.</li> </ol>

# MAINTENANCE AND USE SKILLS OF E-BIKE

## Maintenance and use skills of electric bicycle

The maintenance methods of electric bicycle under different use conditions mainly include the following points.

### **1.Influence of temperature.**

Temperature has an impact on the use of lithium batteries. Generally speaking, the impact on the use of lithium batteries at room temperature is not significant, but when the temperature is higher than 40℃ or lower than - 10℃ the discharge capacity of lithium batteries will change.

For example, if the temperature is below 0℃ in winter, the effect will be affected. When the battery is fully charged,the driving mileage will be shortened, because under this condition, the battery capacity can only be released by 60%-70%. Therefore, the driving mileage when the battery is fully charged in winter will be much less than in summer

Maintenance method.

A,When the temperature is low in winter, the battery should be placed indoors, and the charging should also be carried out indoors After the battery is fully charged, the charging time should be extended for another two hours.

B,In summer, avoid the sun exposure of batteries. Avoid charging the battery at high temperature. Avoid charging the battery immediately after use in high temperature. Do not charge for too long. The battery needs to be charged for another one or two hour after the red indicator turns green.

### **2. Use on different road conditions**

E-bike is not suitable for driving on the road with bad or steep conditions. If there are many uphill on the way , we will find that the mileage of charging once will be much less than that on the flat road. When starting, uphill, loading or driving against the wind, please use the motor drive combined with human pedal to ensure the working life of your battery and motor be longer.

### **3.Avoid exposure to the sun and rain.**

Although the electric bicycle has good waterproof performance, it can still ride in rainy and snowy weather, but when passing through water puddles and ponding and other roads, pay attention to the wading height, which shall not be higher than the motor, so as to prevent the motor from damage caused by water inflow. Do not use a high-pressure water gun to wash the electric bicycle, so as to avoid damage caused by water entering the electronic parts and accessories.

### **4.Frequent braking is bound to be accompanied by frequent start-up.**

Which will lead to frequent large current discharge and power cut-off of the battery, which has a certain impact on its life. Countermeasures: pay attention to safety when driving, drive at a proper speed, and try to avoid frequent braking.

### **5.Remember to regularly maintain electric bicycles.**

Regularly check and tighten all key screws, add lubricating oil, keep them clean and avoid rusting, and try to avoid exposure to sunlight and rain.

## WARRANTALL

Bikes should be operated in accordance with the DUOTTS owner's manual provided with the bike. DUOTTS warrants to the original registered purchaser that bikes shall be free from all defects in material and workmanship for a period of 12 months from the date of shipment, when used in accordance with the owner's manual and for the purpose intended. All other obligations and conditions or liabilities, including obligations for consequential damages, are hereby excluded!

The warranty is non-transferable and only applies to the original owner. This warranty gives you specific rights and purchasers may also have other rights, which may vary by location. Damage caused by failing to adhere to instructions and warnings issued by DUOTTS is not covered under warranty. Warranty parts will only be shipped within the continental EU. The warranty period for parts is as follows.

## ELECTRIC BIKE MAINTENANCE

### REGULAR CLEANING

Cleaning the bike often will help to keep dirt, dust, and debris from getting into the engine and messing with the motor. It also helps to keep all the mechanical parts moving properly without grinding against each other or blocking the chain. E-bikes

should be washed once or twice per week.

When you clean your e-bike, do not use a pressurized hose or stream of water. This might compromise the integrity of the seals around electrical equipment and wear them down, eventually leading to exposed and wet electrical systems that will then malfunction. Instead, use a low-pressure water stream or a wet rag and dry the bike off once you're washing it.

## **LUBRICATION**

In order to keep all the mechanics in working order, you can apply lubrication on the major moving parts such as the chain. You should use a special cleaning solution to clean off the chain before applying a bike lubricant to it. This should ideally be done at least once a week if you use the bike often.

## **CHECK THE BOLTS**

Do a quick once-over and check for any loose screws, bolts, nuts, or anything else on the bike. If there is too much play in the bolts, tighten them up a little bit and see if you can identify the cause of the looseness. Don't tighten the bolts too far.

## **TIRE PRESSURE**

You can check to see what the current pressure is in the tires by using a simple pressure gauge. If it's too low, or if the tires can visibly sink when you push your finger into them, you should get out your bike pump and inflate them properly to the pressure indicated on the tires.

## **BRAKE PADS**

Take a good look at the brake pads on your bike every few weeks to see how they are holding up. It's essential that you have effective brakes or else you could end up in a serious accident. Brake pads can easily and cheaply be replaced whenever necessary.

## **WATERPROOFING**

The battery and motor of an e-bike are well-sealed to prevent any water damage. That doesn't mean it's absolutely impossible for water to get in, but with a certain level of common sense and care, you won't need to worry. Things to avoid with an electric bike include using a jet wash and fully submerging the bike. No lake jumps then, sorry! The motor itself is in a factory-sealed unit and you should never attempt to take it apart for maintenance or to try and fix a problem.

## **BATTERY CARE**

Charge the battery at room temperature in a dry location. To improve the life span of your battery avoid leaving the battery fully charged or fully discharged for long periods of time. When the bike is out of use for an extended period, you can disconnect the battery. It will gradually lose charge, so still, top it up every now and again. As we've already said avoid storing the bike for long periods of time with no charge - maintaining a 30 to 60 percent charge is ideal for long-term storage, according to e-bike systems manufacturers. Extreme heat and cold are the enemies of electric bike batteries. Store your e-bike battery in a cool, dry place out of direct sunlight. During winter, and particularly if the temperature is below 0° C, charge and store the battery at room temperature, and re-insert the battery into the bike immediately before riding.



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Dakeya-V-07Operation video

Installation Tutorial