



Owner's

Manual

Day 6 Electric

Bicycles and

Erad Motor

System

Congratulations:

We hope you are as excited to ride your new Day 6 electric bicycle as we are in designing them. In fact, we believe the wide seat, contoured backrest, mid drive motor, down tube mounted battery, and low center of gravity make the Day 6 the ultimate electric bicycle. Actually, more like a 54 pound electric motorcycle that you can pedal, put on the back of your car, and ride on the local bike path. There is simply nothing that compares with a Day 6 electric bicycle!



Important:

Please read all information in this manual carefully for your own safety, as well as maximum enjoyment and performance of your Day 6 electric bicycle. Day 6 electric bicycles are designed for on road and light off road use only. Extreme off-road use, jumping, racing, or prolonged exposure to the elements may void your warranty and can put the operator at serious risk for injury or death.

Before You Begin:

Before you ride your electric bike for the first time, it is recommended that you **charge the battery for 8 hours**. An initial charge will help condition your battery and allow for optimum performance throughout its life. Please note that your charger's indicator light may turn green, indicating a complete charge, before the conclusion of the 8-hour period. Allow the charge to continue until the full 8 hours are complete. Subsequent charges will be completed automatically when the light turns green.

Your Warranty at a Glance:

Electric Motor: 1 year

Battery, Controller, and other components: 1 year

Range and Performance

Maximum range on a full charge can vary greatly depending on battery age, terrain/hills, rider weight, temperature, riding style, amount of rider pedaling, fitness level, and speed. A 170 pound rider going 17 mph on a flat road, with fully inflated tires, will get about 29 miles with the 11.6Ah battery, 34 miles with the 14.5Ah, and 42 miles with the 17.5Ah - with no pedaling.

Tips for Maximizing Range:

Charge battery at room temperature (36-85°F)

It is not necessary to discharge the battery completely for best performance. Charging a partially full battery will have no negative effects.

Use the bicycle's gears as much as possible.

Pedal!

Maintain proper tire pressure and lube the chain regularly but don't over lubricate.

Operate at temperatures between 40°F and 85°F

Get your bike a regular tune up.

LCD (Display) and Thumb Pad

Press and hold the Power Button on the thumb pad for 2 seconds or until the LCD comes on. The LCD will show battery status and assist level. You are ready to ride.



Hold Power Button for two seconds to shut system down.



The + and - buttons on the left side of the thumb pad access different levels of pedal assist; 1 being the lowest assist level and 5 being the highest.



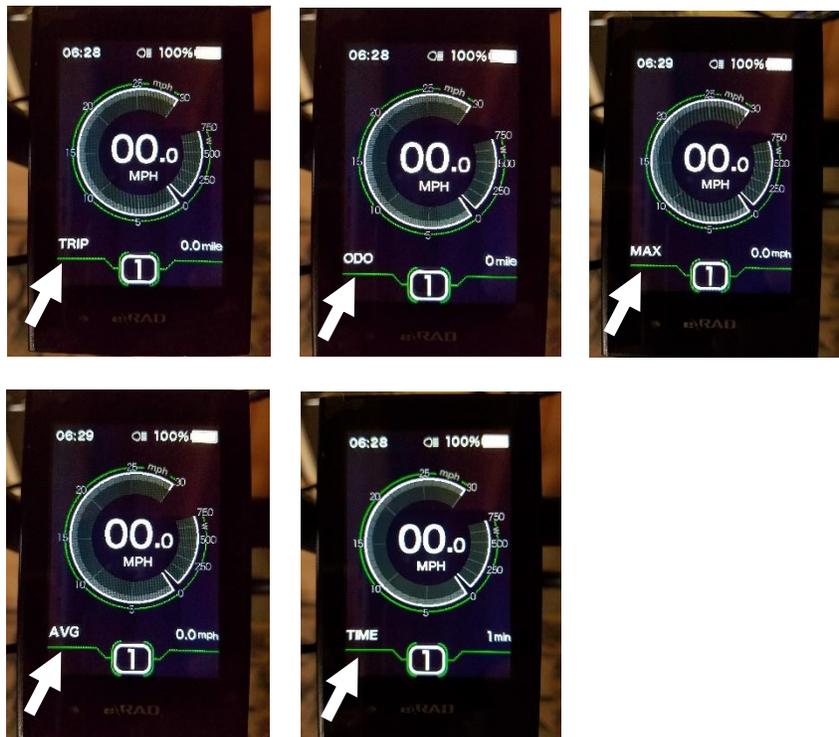
The throttle provides full power in all power assist levels including 0 but, for safety reasons, the throttle will not work until you start pedaling. When using pedal assist, the power will begin when you begin pedaling.

REMEMBER: Squeezing brake levers shuts motor down.

If the LCD does not come on, verify that the battery is charged and correctly installed.

If the battery meter in upper right is flashing, power assist will not be available or will come and go. This indicates a low battery level and the battery must be charged.

To change your display from Trip to ODO(odometer) to Max Speed to Avg (average)Speed to Time, push the Mode Button and you will see the modes change at the bottom of the display, above the green line.





To turn on the Backlight, press the Light Button on the Thumb Pad.

If you are walking with your bike and want assistance (good for walking up hill or in the sand), hold the - button for a few seconds and the bike will propel itself at a normal walking speed.



To access the Display Setting screen to the right, press the Mode Button quickly 2 times. Display Setting will be highlighted. Press Mode again to get to the Display screen shown.

DisPlay Setting	
Unit	Imperial
Brightness	100%
Auto Off	5Min
MAX PAS	5
Power View	Power
SOC View	Percent
TRIP Reset	NO
Wheel	26Inch
Speed Limit	20 mph
AL Sensitivity	5
Password	>
Set Clock	>
BACK	

Use + and - to highlight the area to be changed.
(Unit and Imperial are highlighted in the example)

When the desired area is highlighted, press the Mode Button and the white highlight will move to the setting at the right.

Press + or - to change to the desired setting and press the Mode Button to lock the setting.

Use + or - to highlight next area and repeat process.
Screen above shows common settings on the right.

For **Unit**, choose Imperial if in the USA.

For display **Brightness**, choose desired Percentage.

For **Auto Off**, the system will shut off automatically when not in use, at whichever minute you set. Or, choose OFF if you don't want the system to shut off automatically. If you choose OFF, you will shut system off by holding down the Power Button.

Max PAS (Pedal Assist) should be set at 5.

For **Power View**, choose **Power**.

For **SOC View** (State of Charge), choose Percent to show battery state of charge in a percentage or choose Voltage to show the voltage. You probably want Percent to show how much battery is left.

Choosing **TRIP Reset** will reset Maximum Speed, Average Speed, and single Trip Distance back to 0. To reset to 0, go to Display Settings, scroll to TRIP Reset, Press Mode Button, Press + or - to get to YES, when YES appears hit the Mode Button and it will say Cleared. Max, Ave Speed, and Trip will now be 0.

For **Wheel** (Diameter), most Day 6 bicycles will be 26". Measure if you are not sure.

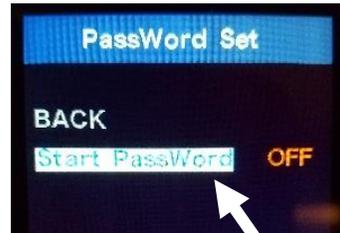
Speed Limit is set at factory at the legal limit of 20mph. If you change this by any means, it is at your own risk and **you accept all responsibility/liability**.

AL Sensitivity (Ambient Light) functions only when you have a Bafang specific light plugged into the motor. The light will turn on automatically when it gets dark. Best to set this one at 5.



Scroll to **Password** if you want a 4 digit password that has to be entered to start your system. Press Mode button.

Press + or - to select Start PassWord.



Press Mode. Press + or - to select ON. Press Mode. Press + or - to switch between numbers. Press Mode to lock in number and move to next number.

To start system using a Password, press Power Button to turn on system as before. It will ask for a password.

To **Set Clock**, press Mode Button to access clock menu. Use buttons as before to set each clock function.

There is a USB port at the bottom of the display. This can be used to run a headlight or charge your cell phone. When a USB cord is plugged in, there will be a USB graphic on the screen. (top arrow)



See manufacturer's complete manual at www.day6bikes.com under the Downloads tab.

Battery Life If used according to the guidelines contained in this manual, the Li-Ion battery has an expected life span of 800 full charge cycles. (Four 25% usages would equal one charge cycle)

Extended Storage:

Always fully charge the battery before leaving the bicycle unused for extended lengths of time. Unplug the battery and turn off. Recharge the battery every 90 days during storage for optimum battery performance.

Car Carriers When using a car carrier, it is highly recommended that you remove the battery to reduce weight and to minimize problems from adverse weather and road conditions. It is also highly recommended that you use a carrier with trays that your wheels rest on – not that your bike hangs on. We recommend and sell the Hollywood Sport Rider SE2. Go to www.day6bikes.com under Accessories.

Cleaning Keep your system clean and dry. Store your electric bicycle inside or use a cover (www.day6bikes.com under Accessories) to protect it from UV and weather damage. To wash bike, use a soft damp cloth and a non-toxic cleaner. Avoid high pressure waters and compressed air. These can force

water and debris into sensitive electronic components and cause a malfunction.

Charging The Battery

Avoid using extension cords.

The light on the charger should indicate a steady red light while charging. If the light remains green, the battery may be completely charged.

A full charge should take approximately 4–6 hours, at which point the charger should indicate a steady green light.

When the charge is complete, first, unplug the charger from the battery, then unplug from wall.

NOTE: You may charge the battery while it is mounted on the frame of the bike. If doing so outside, ensure that the battery, charger, and power cables are protected from the elements. Failure to do so may result in electrocution, injury, or death.

NEVER allow battery to freeze. This will ruin the battery and is not covered by warranty.

For questions pertaining to the motor, battery, throttle, display, and other electric parts, call Lectric Cycles at 702/444-7474.

For all other questions, call 406/570-1927.

Warranty

Day 6 Bicycles warrants that all new Day 6 electric bicycles equipped with Erad mid drive motor systems and components therein are warranted to the original retail purchaser (“Purchaser”) against manufacturing defects in materials and/or workmanship for a period of one (1) year from the date of original retail purchase for the motor and one (1) year for battery and all other parts.

Terms of Limited Warranty

This warranty becomes effective on the date of original retail purchase. This warranty is not meant to suggest or imply that the system cannot be broken or will last forever. It does mean that the system is covered subject to the terms of the warranty. This warranty applies only to the original Purchaser and is not transferable to subsequent owners or any other party. This warranty is void if the system is subjected to abuse, neglect, improper repair, improper maintenance, alteration, modification, an accident, or other abnormal, excessive, or improper use, at the sole discretion of Day 6 Bicycles.