

MOTOTEC 1000W ELECTRIC SUPER BIKE M8



WARNING

CHOKING HAZARD -Small parts. Not for under 16 year old.

TECHNICAL INFORMATION

MOTOR: 1000W brush motor

BATTERY: 48V12H lead-acid battery

CHARGER: 110V/50Hz

CHARGER TIME: 6h

MAX SPEED: 40km/h

DISTANCE: 50km

LIGHT: LED light

LOADING CAPACITY: 150kgs/330lbs

PACKING SIZE: 141*45*81.5cm

N.W/G.W: 55.5/57.5kgs

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WARNING: Riding an electric motor bike can be hazardous activity. Certain conditions may cause the equipment to fail without fault of the manufacturer. Like other electric products, the super bike can and is intended to move, and it is therefore possible to lose control, fall off and/or get into dangerous situations that no amount of care, instruction or expertise can eliminate. If such things occur you can be seriously injured or die, even when using safety equipment and precautions. **RISE AT YOUR OWN RISK AND USE COMMON SENSE.**

This manual contains many warnings and cautions concerning the consequences of failing to maintain, inspect or properly use your electric motor bike. Because any incident can result in serious injury or even death, we do not repeat the warning of possible serious injury or death each time such a possibility is mentioned.

APPROPRIATE RIDER USE AND PARENTAL SUPERVISION

This manual contains important safety information. It is your responsibility to review this information and make sure that all riders understand all warnings, cautions, instructions and safety topics and assure that young riders are able to safely and responsibly use the product. Mototec USA recommends that you periodically review and reinforce the information in this manual with younger riders, and that you inspect and maintain your product to insure their safety.

The recommended rider age of 16 years is only an estimate, and can be affected by the rider's size, weight or skills. Any rider unable to fit comfortably on the super bike should not attempt to ride it.

A parent's decision to allow his or her child to ride this product should be based on the child's maturity, skill and ability to follow rules.

Keep this product away from small children and remember that this product is intended for use only by persons who are, at a minimum, completely comfortable and competent while operating the product.

DO NOT EXCEED THE WEIGHT LIMIT OF 170 POUNDS. Rider weight does not necessarily mean a person's size is appropriate to fit or maintain control of the super bike.

Do not touch the brake or electric motor on your electric motor bike when in use as they can become very hot.

Refer to the section on safety for additional warnings.

ACCEPTABLE RIDING PRACTICES AND CONDITIONS

Always check and obey any local laws or regulations which may affect the locations where the super bike may be used. Ride defensively. Watch out for potential obstacles that could catch your wheel or force you to swerve suddenly or lose control. Be careful of avoid pedestrians, skaters, skateboarders, scooters, bikes, children or animals who may enter your path, and respect the rights and property of others.

The super bike is meant to be used only in controlled environments free of potential traffic hazards and not on public streets or sidewalks. Do not ride your electric motor bike in any areas where pedestrian or vehicle traffic is present.

Do not activate the speed control on the hand grip unless you are on the electric motor bike and in a safe, outdoor environment suitable for riding.

This motor bike was manufactured for performance and durability but is not impervious to damage. Jumping or other aggressive riding can over-stress and damage any product, including the electric motor bike. The rider assumes all risks associated with high stress activity.

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Be careful and know your limitations. Risk of injury increases as the degree of riding difficulty increases. The rider assumes all risk associated with aggressive riding activities.

Maintain a hold on the handlebars at all times.

Never carry passenger or allow more than one person at a time to ride the electric motor bike.

Never use near steps or swimming pools.

Keep your finger and other body parts away from the ride chain, steering system, wheels and all other moving components.

Never use headphones or a cell phone when riding.

Never hitch a ride with another product.

Do not ride the super bike in wet or icy weather and never immerse the electric motor bike in water, as the electric and ride components could be damaged by water or create other possibly unsafe conditions.

The super bike is intended for use on dry surfaces such as pavement or flat, level ground without loose debris such as rock or gravel. Wet, slick, bumpy, uneven or rough surfaces may impair traction and contribute to possible accidents. Do not ride the electric motor bike in mud, ice, puddles or water. Avoid excessive speeds that can be associated with downhill rides. Never risk damaging surfaces such as carpet or flooring by use of an electric motor bike indoors.

Do not ride at night or when visibility is limited.

PROPER RIDING ATTIRE

Always wear proper protective equipment such as an approved safety helmet (with chin strap securely buckled), elbow pads and knee pads. A helmet may be legally required by local law or regulation in your area. A long-sleeved shirt, long pants and gloves are recommended. Always wear athletic shoes (lace-up shoes with rubber sole) never ride barefooted or in sandals, and keep shoelaces tied and out of the way of the wheels, motor and ride system.

USING THE CHARGER

The charger supplied with the electric motor bike should be regularly examined for damage to the cord, plug, enclosure and other parts, and in the event of such damage, the motor bike must not be charge until the charger has been repaired or replaced.

Use only with the recommended charger.

Use caution when charging.

The charger is not a toy. Charger should be operated by an adult.

Do not operate charge near flammable materials.

Unplug charger and disconnect from the battery operated product when not in use.

Do not exceed charging time.

Always disconnect from the charger prior to wiping down and cleaning your electric motor bike with liquid.

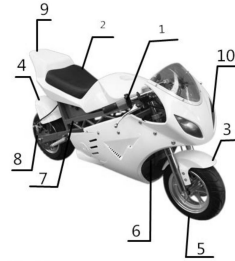
FAILURE TO USE COMMON SENSE AND HEED THE ABOVE WARNINGS INCREASES RISK OF SERIOUS INJURY. USE WITH APPROPRIATE CAUTION AND SERIOUS ATTENTION TO USE OPERATION.

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BEFORE YOU BEGIN

Remove contents from box. Remove the foam separators that protect the components from damage during shipping. Inspect the contents of the box for scratches in the paint, dents or leaked cables that may have occurred during shipping because the super bike is 95assemble and at the factory. There should not be any problem, even if the box has a few scars or dents.

WARNING:
Do not use your super bike for the first time until you have charged the battery for at least 18 hours. Failure to do so may damage your product and void your warranty.



1. Handlebar
2. Seat
3. Front fender
4. Rear fender
5. Front tyre
6. Battery
7. Frame
8. Rear tyre
9. Rear LED light
10. Front LED light

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ASSEMBLY AND SET-UP

Attaching the Handlebars



1 Swing the handlebars outward as shown. You may have to loosen the clamps to allow the bar to pivot on the fork.



2 Using a 6mm hex key wrench, tighten both the left and right side handlebar clamps by turning the screws clockwise. When properly tightened, the handlebars cannot twist out of alignment.

WARNING:
Failure to properly tighten both sets may cause the handlebars to dislodge while riding and may cause you to lose control and fall. When correctly tightened, the handlebars will not rotate out of alignment under normal circumstances.

Inflating the Tires

Tires are inflated when shipped, but they invariably lose some pressure between the point of manufacturing and your purchase.



1 Using a bicycle-style tire pump equipped for a Schrader-type valve, inflate the front tire to the PSI indicated on the sidewall of the tire.



1 Remove valve extender/adaptor from right handgrip.

WARNING:
Do not use your super bike for the first time until you have inflated the tires to the damage your motor bike and void your warranty.

WARNING:
The provided air supplies found at gas stations are designed to inflate high volume automotive tires. If you decide to use such an air supply to inflate your tires, first make sure the pressure gauge is working, then use very short bursts to inflate to the correct PSI. If you inadvertently over-inflate the tire, release the excess pressure immediately.

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ASSEMBLY AND SET-UP

Charging the Battery

Your electric motor bike may not have a fully charged battery, therefore it is a good idea to charge the battery prior to use.

- Initial charge time 18 hours
- Recharge time up to 12 hours
- Run time up to 40 minutes of continuous ride time
- Average battery life: 250 charge/discharge cycles



1 Plug the charger port into the Port on the electric motor bike. The charger works with the power switch in either the on or off position.

2 Plug the charge plug into a wall outlet.

WARNING:

Always disconnect your electric motor bike from the charger before cleaning with liquid. Note: If your charger does not look like the one illustrated, your unit has been supplied with an alternative charger. The specifications and charging procedure would not change. The charger has a small window with one LED or two LEDs to indicate the charge status. Refer to the illustration on the charger and to the actual "charging" and "charged" status indicators for your model charger. Chargers have built-in over-charge protection to prevent battery from being over-charged. Charger will get warm during use. This is normal for some chargers and is no cause for concern. If your charger does not seem that it is not working properly.

Be sure to properly align the groove on the charger input plug with the corresponding socket on the case; otherwise, no charging action will occur.

WARNING:

The brake is capable of causing the electric motor bike to skid the tire throwing an unsuspecting rider. Practice in an open area free from obstacles until you are familiar with the brake function. Avoid skidding to a stop as this can cause you to lose control or damage the rear tire.

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REPAIR AND MAINTENANCE

Chain and Sprocket

The chain will typically have a "loose spot" and "tight spot" corresponding with a particular sprocket rotational position. This is normal and common to all chain-driven products due to run-out tolerances of the freewheel and sprocket. The chain should be adjusted to the ideal tension with chain in the tightest spot. Proper chain alignment must be maintained. The wheel must not be skewed. If the chain is noisy or rough running, check the lubrication, tension, and alignment of the sprockets, in that order.

Battery Care and Disposal

Do not store the battery in temperatures above 75 °F or below 10 °F.

CONTAINS SEALED NON-SPILLABLE LEAD BATTERIES. BATTERIES MUST BE RECYCLED.

Disposal: Your motorbike product uses sealed lead-acid batteries which must be recycled or disposed of in an environmentally sound manner. Do not dispose of a lead-acid battery in a fire. The battery may explode or leak. Do not dispose of a lead-acid battery in your regular household trash. The incineration, land filling or mixing of sealed lead-acid batteries with household trash is prohibited by law in most areas. Return exhausted batteries to a federal or state approved lead-acid battery recycler or a local seller of automotive batteries. If you live in Florida or Minnesota, it is prohibited by law to throw away lead-acid batteries in the municipal waste stream.

Charger

The transformer/charger supplied with the bike should be regularly examined for damage to the cord, plug, enclosure and other parts, and, in the event of such damage, the super bike must be charged until it has been repaired or replaced. Use ONLY with the recommended charger.

WARNING:

To avoid a pinch or injury, keep fingers away from moving sprockets and chain.

WARNING:

If a battery leak develops, avoid contact with the leaking acid and place the damaged battery in a plastic bag. Refer to the disposal instructions on the left. If acid comes into contact with skin or eyes, flush with cool water for at least 15 minutes and contact a physician.

WARNING:

Battery acids, terminals and related accessories contain lead and lead compounds. Wash your hands after handling.

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TROUBLESHOOTING GUIDE

Problem	Possible Cause	Solution
Motor bike does not run	Undercharged battery	Charge the battery. A new battery should have been charged for at least 18 hours before using the motor bike for the first time and up to 12 hours after each subsequent use.
	Loose wires or connectors	Check all connectors. Make sure the charger connector is tightly plugged into the charging port, and that the charger is plugged into the wall. Make sure power flow to the wall outlet is on. You may check to see if your charger is working by using a volt meter or asking your local mototec authorized service center to test your charger for you. Check all wires and connectors to make sure they are tight.
Charger is not working		
Motor bike was running but suddenly stopped	Tripped circuit breaker	Wait a few seconds and push the breaker to reset the circuit.
	Motor or electrical switch damage	An excessive overload, such as too heavy a rider or too steep a hill, could cause the motor to overheat. Replace the fuse with a new one of equal amperage. Correct the conditions that caused the fuse to burn out and avoid repeatedly burning out fuse. Contact your local mototec authorized service center for diagnosis and repair.
Short run times (less than 30 minutes per charge)	Undercharged battery	Charge the battery. A new battery should have been charged for at least 18 hours before using the motor bike for the first time and up to 12 hours after each subsequent use.
	Battery is old and will not accept full charge	Check all wires and connectors. Make sure the battery connector is tightly plugged into the charger connector, and that the charger is plugged into the wall. Make sure power flow to the wall outlet is on. Even with proper care, a rechargeable battery does not last forever. Average battery life is 1 to 2 years, depending on motor bike use and conditions. Replace only with a mototec replacement battery.
	Brake is not adjusted properly	Refer to brake adjustment instructions on page 4 of this manual.
Motor bike runs sluggishly	Driving conditions are too stressful	Use only on solid, flat clean and dry surfaces such as pavement or level ground.
	Tires are not properly inflated	The tires are inflated when shipped, but they inevitably will lose some pressure between the point of manufacturing and your purchase. Refer to instructions on page 4 of this manual to properly inflate tires.
	Motor bike is overloaded	Make sure you do not overload the motor bike by allowing more than one rider at one time, exceeding the maximum weight limit, going up too steep a hill or towing objects behind the motor bike. If the motor slows and if the condition continues, will shut off power to the motor correct the driving conditions that caused the overheating, wait 5-10 minutes and then resume riding. Avoid repeatedly overheating the unit.

TROUBLESHOOTING GUIDE

Problem	Possible Cause	Solution
Sometimes the motor bike doesn't run, but other times it does	Loose wires or connectors	Check all wires around the motors and all connectors to make they are tight
	Motor or electrical switch damage	Contact your local mototec authorized service center for diagnosis and repair.
Motor bike does not stop when applying the brake	Brake is not adjusted properly	Refer to instructions on page 4 of this manual to properly adjust brake
Motor bike makes loud noises or grinding	Chain is too dry	Apply a lubricant such as 3 in 1 [®] or Tri-Flow [™] to the chain

DO NOT RETURN TO STORE

For service, Create Online, Trouble Ticket

[Http://support.bigtoysusa.com](http://support.bigtoysusa.com)