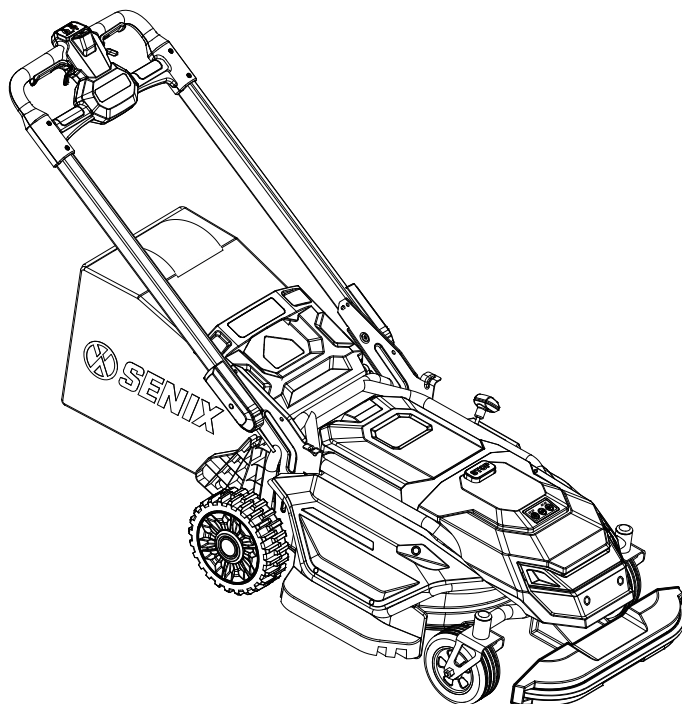




X6 **60V** ^{*} **||||** **BRUSHLESS**
LITHIUM-ION

21 inch SMART PUSH LAWN MOWER



CAUTION: Before using this tool, please read this manual completely, and follow all operating safety measures.

- SAFETY
- ASSEMBLY
- OPERATION
- MAINTENANCE
- WARRANTY

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For customer support, please call 1-800-261-3981 or email us at senix.support@yatusa.com

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SAFETY & INTERNATIONAL SYMBOLS

The following table depicts and describes safety and international symbols and pictographs that may appear on this product. Read, understand, and follow all instructions on the machine and in the instruction manual for complete safety, assembly, operating, maintenance, and repair information before attempting to assemble and operate.



Caution / Warning.



To reduce the risk of injury, user must read instruction manual.



Do not expose the product to rain.



WARNING - Beware of thrown objects - Keep bystanders away.



WARNING - Keep hands and feet away from the blades, Do not ride on the machine.



WARNING - Remove the disabling mower before working on or lifting the machine.



WARNING - Disconnect battery before maintenance.



DANGER - Keep hands and feet away.

SAFETY INSTRUCTIONS

GENERAL MACHINE SAFETY WARNINGS



WARNING!

Read all safety warnings, instructions, illustrations and specifications, provided with this machine. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference.

The term "machine" in the warnings refers to your mains-operated (corded) machine or battery-operated (cordless) machine.

1. **Work Area Safety**
 - a. **Keep work area clean and well lit.**
Cluttered or dark areas invite accidents.
 - b. **Do not operate machines in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.**
Machines create sparks which may ignite the dust or fumes.
 - c. **Keep children and bystanders away while operating a machine.** *Distractions can cause you to lose control.*
2. **Electrical Safety**
 - a. **Machine plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) machines.** *Unmodified plugs and matching outlets will reduce risk of electric shock.*
 - b. **Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.**
There is an increased risk of electric shock if your body is earthed or grounded.
 - c. **Do not operate the machine in rain or wet conditions.** *This may increase the risk of electric shock.*
 - d. **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the machine. Keep cord away from heat, oil, sharp edges or moving parts.** *Damaged or entangled cords increase the risk of electric shock.*
 - e. **When operating a machine outdoors, use an extension cord suitable for outdoor use.** *Use of a cord suitable for outdoor use reduces the risk of electric*

- shock.*
- f. **If operating a machine in a damp location is unavoidable, use a ground fault circuit interrupter (GFCI) protected supply.** *Use of a GFCI reduces the risk of electric shock.*
3. **Personal Safety**
 - a. **Stay alert, watch what you are doing and use common sense when operating a machine. Do not use a machine while you are tired or under the influence of drugs, alcohol or medication.** *A moment of inattention while operating machines may result in serious personal injury.*
 - b. **Use personal protective equipment. Always wear eye protection.** *Protective equipment such as a dust mask, non-skid safety shoes, hard hat or hearing protection used for appropriate conditions will reduce personal injuries.*
 - c. **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the machine.** *Carrying machines with your finger on the switch or energizing machines that have the switch on invites accidents.*
 - d. **Remove any adjusting key or wrench before turning the machine on.** *A wrench or a key left attached to a rotating part of the machine may result in personal injury.*
 - e. **Do not overreach. Keep proper footing and balance at all times.** *This enables better control of the machine in unexpected situations.*
 - f. **Dress properly. Do not wear loose clothing or jewelry. Keep your hair, clothing and gloves away from moving parts.** *Loose clothes, jewelry or long hair can be caught in moving parts.*
 - g. **If mowers are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** *Use of dust collection can reduce dust-related hazards.*
 - h. **Do not let familiarity gained from frequent use of machines allow you to become complacent and ignore machine safety principles.** *A careless action can cause severe injury within a fraction of a second.*
 4. **Machine Use and Care**
 - a. **Do not force the machine. Use the correct machine for your application.** *The correct machine will do the job better and safer at the rate for which it was designed.*
 - b. **Do not use the machine if the switch does not turn it on and off.** *Any machine that cannot be controlled with the switch is dangerous and must be repaired.*
 - c. **Disconnect the plug from the power source and/or remove the battery pack, if detachable, from the machine before making any adjustments, changing accessories, or storing machines.** *Such preventive safety measures reduce the risk of starting the machine accidentally.*
 - d. **Store idle machines out of the reach of children and do not allow persons unfamiliar with the machine or these instructions to operate the machine.** *Machines are dangerous in the hands of untrained users.*
 - e. **Maintain machines and accessories. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the machine's operation. If damaged, have the machine repaired before use.** *Many accidents are caused by poorly maintained machines.*
 - f. **Keep cutting machines sharp and clean.** *Properly maintained cutting machines with sharp cutting edges are less likely to bind and are easier to control.*
 - g. **Use the machine, accessories and machine bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** *Use of the machine for operations different from those intended could result in a hazardous situation.*
 - h. **Keep handles and grasping surfaces dry, clean and free from oil and grease.** *Slippery handles and grasping surfaces do not allow for safe handling and control of the machine in unexpected situations.*
 5. **Battery Machine Use and Care**
 - a. **Recharge only with the charger specified by the manufacturer.** *A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.*
 - b. **Use machines only with specifically designated battery packs.** *Use of any other battery packs may create a risk of injury and fire.*
 - c. **When battery pack is not in use, keep**

- it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.
- d. **Under abusive conditions, liquid may be ejected from the battery; avoid contact.** *If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.*
 - e. **Do not use a battery pack or machine that is damaged or modified.** *Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion or risk of injury.*
 - f. **Do not expose a battery pack or machine to fire or excessive temperature.** *Exposure to fire or temperature above 265 °F (130 °C) may cause explosion.*
 - g. **Follow all charging instructions and do not charge the battery pack or machine outside the temperature range specified in the instructions.** *Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.*
6. **Service**
 - a. **Have your machine serviced by a qualified repair person using only identical replacement parts.** *This will ensure that the safety of the machine is maintained.*
 - b. **Never service damaged battery packs.** *Service of battery packs should only be performed by the manufacturer or authorized service providers.*

WALK-BEHIND LAWNMOWER SAFETY WARNINGS

1. **Work Area Safety**
 - a. **To avoid bystander contact with the moving blade or a thrown object injury, keep the area of operation clear of all bystanders, particularly small children. Stop the lawnmower and any attachment(s) if anyone enters the area.** *Contact with the moving blade or thrown objects may result in serious personal injury or death.*
 - b. **Only operate the lawnmower in daylight or good artificial light.** *Dark areas invite accidents.*
 - c. **Do not operate lawnmowers in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** *Lawnmowers create sparks which may ignite the dust or fumes.*
 - d. **Do not use the lawnmower in bad weather conditions, especially when there is a risk of lightning.** *This decreases the risk of being struck by lightning.*
 - e. **Thoroughly inspect the area where the lawnmower is to be used and remove all stones, sticks, wires, bones, and other foreign objects.** *Thrown objects can cause personal injury.*
2. **Electrical Safety**
 - a. **Do not expose the lawnmower to rain or wet conditions.** *Water entering a lawnmower may increase the risk of electric shock.*
3. **Personal Safety**
 - a. **Use personal protective equipment. Always wear eye protection.** *Protective equipment will reduce personal injuries.*
 - b. **Dress properly. Do not wear loose clothing or jewelry. Keep your hair, clothing and gloves away from moving parts.** *Loose clothes, jewelry or long hair can be caught in moving parts.*
 - c. **While operating the lawnmower, always wear long trousers.** *Exposed skin increases the likelihood of injury from thrown objects.*
 - d. **While operating the lawnmower, always wear non-slip and protective footwear.** *Do not operate the lawnmower when barefoot or wearing open sandals. This reduces the chance of injury to the feet from contact with the moving blade.*
 - e. **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or batteries, picking up or carrying the lawnmower.** *Carrying a lawnmower with your finger on the switch or energizing a lawnmower that has the switch on invites accidents.*
 - f. **Remove any adjusting key or wrench before turning the lawnmower on.** *A wrench or a key left attached to a rotating part of the lawnmower may result in*

- personal injury.*
- g. **Keep proper footing and balance at all times.** *This enables better control of the lawnmower in unexpected situations.*
 - h. **Stay alert, watch what you are doing and use common sense when operating a lawnmower. Do not use a lawnmower while you are tired or under the influence of drugs, alcohol or medication.** *A moment of inattention while operating a lawnmower may result in serious personal injury.*
 - i. **Do not let familiarity gained from frequent use of lawnmower allow you to become complacent and ignore lawnmower safety principles.** *A careless action can cause severe injury within a fraction of a second.*
 - j. **To avoid operator blade contact or a thrown object injury, stay in the operator zone behind the lawnmower handles.** *Blade contact or thrown objects may result in serious personal injury.*
 - k. **Do not touch blades and other hazardous moving parts while they are still in motion.** *This reduces the risk of injury from moving parts.*
4. **Lawnmower Use and Care**
 - a. **Use the lawnmower and accessories in accordance with these instructions, taking into account the working conditions and the work to be performed.** *Use of the lawnmower for operations different from those intended may result in a hazardous situation.*
 - b. **Before using the lawnmower, always visually inspect to see that the blade(s) and the blade(s) assembly are properly secured and not worn or damaged.** *Loose, worn, or damaged parts may increase the risk of injury.*
 - c. **Keep guards and other safety mowers in place, properly mounted, and in working order.** *A guard or other safety mower that is loose, damaged, or is not functioning correctly may result in personal injury.*
 - d. **Keep all cooling air inlets clear of debris.** *Blocked air inlets and debris may result in overheating or risk of fire.*
 - e. **Do not use the lawnmower if the switch does not turn it on and off.** *Any lawnmower that cannot be controlled with the switch is dangerous and must be repaired.*
 - f. **Do not operate the lawnmower in wet grass. Walk, never run.** *This reduces the risk of slipping and falling which may result in personal injury.*
 - g. **Do not operate the lawnmower on excessively steep slopes.** *This reduces the risk of loss of control, slipping and falling which may result in personal injury.*
 - h. **Do not force the lawnmower. Use the correct lawnmower for your application.** *The correct lawnmower will do the job better and safer at the rate for which it was designed.*
 - i. **Be aware of the mower and attachment discharge direction and do not point the mower discharge at anyone.** *Thrown objects can cause personal injury.*
 - j. **Use extreme caution when reversing or pulling the lawnmower towards you. Always be aware of your surroundings.** *This reduces the risk of tripping during operation.*
 - k. **When working on slopes, always be sure of your footing, always work across the face of slopes, never up or down and exercise extreme caution when changing direction.** *This reduces the risk of loss of control, slipping and falling which may result in personal injury.*
 - l. **Operate the disabling mower and/or remove all battery packs, if removable, from the lawnmower before making any adjustments, changing accessories, or storing the lawnmower.** *Such preventive safety measures reduce the risk of starting the lawnmower accidentally.*
 - m. **Keep handles and grasping surfaces dry, clean and free from oil and grease.** *Slippery handles and grasping surfaces do not allow for safe handling and control of the lawnmower in unexpected situations.*
 - n. **Check the grass catcher frequently for wear or deterioration.** *A worn or damaged grass catcher may increase the risk of personal injury.*
 - o. **Before removing the grass catcher, turn off the motor and wait until the blade(s) comes to a complete stop. The cutting blade(s) continues to rotate after the blade control is released. Never place any part of the body in the blade(s) area until you are certain the motor is off and the blade(s) has stopped rotating.** *Contact with the moving cutting blade(s) may result in serious personal injury.*
 - p. **Before unclogging the chute, turn**

- off the motor, wait until the blade(s) comes to a complete stop, operate the disabling mower and/or remove all batteries, if removable. The cutting blade(s) continues to rotate after the blade control is released. Never place any part of the body in the blade(s) area until you are certain the motor is off and the blade(s) has stopped rotating. *Contact with the moving cutting blade(s) may result in serious personal injury.*
- q. **Before cleaning or inspecting the lawnmower, turn off the motor, wait until the blade(s) comes to a complete stop, operate the disabling mower and/or remove all batteries, if removable.** *Accidental contact with the moving blade and moving parts may result in personal injury.*
- r. **Maintain the lawnmower and accessories. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the lawnmower's operation. If damaged, have the lawnmower repaired before use.** *Many accidents are caused by poorly maintained lawnmowers.*
- s. **Store idle lawnmowers out of the reach of children and do not allow persons unfamiliar with the lawnmower or these instructions to operate the lawnmower.** *Lawnmowers are dangerous in the hands of untrained users.*
- 5. Battery Equipment Use and Care**
- a. **Use lawnmowers only with specifically designated battery packs.** *Use of any other battery packs may create a risk of injury and fire.*
- b. **Recharge only with the charger specified by the manufacturer.** *A charger that is suitable for one type of battery pack(s) may create a risk of fire when used with another battery pack(s).*
- c. **Follow all charging instructions and do not charge the battery pack(s) or lawnmower outside the temperature range specified in the instructions.** *Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.*
- d. **Do not use a battery pack or lawnmower that is damaged or modified.** *Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion or risk of injury.*
- e. **Do not expose a battery pack(s) or lawnmower to fire or excessive temperature.** *Exposure to fire or temperature above 265 °F (130 °C) may cause explosion.*
- f. **Under abusive conditions, liquid may be ejected from the battery(ies); avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery(ies) may cause irritation or burns.**
- g. **When battery packs are not in use, keep them away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.**
- 6. Service**
- a. **Have your lawnmower serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the lawnmower is maintained.** *Use of parts which do not meet the original equipment specifications may lead to improper performance and compromise safety.*
- b. **Never service damaged battery packs.** *Service of battery packs should only be performed by the manufacturer or authorized service providers.*

ROBOTIC LAWNMOWER SAFETY WARNINGS

- 1. Safe Operating Practices**
- Training
 - a. Read the instructions carefully. Be familiar with the controls and the proper use of the machine.
 - b. Never allow people unfamiliar with these instructions or children to use the machine. Local regulations may restrict the age of the operator.
 - c. The operator or user is responsible for accidents or hazards occurring to other people or their property.
 - d. Do not allow children to be in the vicinity or play with the machine when it is operating.
 - Preparation
 - a. Ensure the correct installation of the

automatic perimeter delineation system as instructed.

- b. Periodically inspect the area where the machine is to be used and remove all stones, sticks, wires, bones, and other foreign objects.
- c. Periodically visually inspect to see that the blades, blade bolts and cutter assembly are not worn or damaged. Replace worn or damaged blades and bolts in sets to preserve balance.
- d. On multi-spindle machines, take care as rotating one blade can cause other blades to rotate.

2. Operation

- General
- a. Never operate the machine with defective guards, or without safety mowers, for example deflectors and/or grass catchers, in place.
- b. Do not put hands or feet near or under rotating parts. Keep clear of the discharge opening at all times.
- c. Never pick up or carry an machine while the motor is running.
- d. Remove (or Operate) the disabling mower from the machine
 - Before clearing a blockage;
 - Before checking, cleaning or working on the machine;
 - After striking a foreign object to inspect the machine for damage;
 - if the machine starts to vibrate abnormally, and to check for damage before restarting.
- e. Do not use the machine and its peripherals in bad weather conditions especially when there is a risk of lightning.
- f. Do not operate the machine and/or its peripherals with defective guards or shields, or without safety mowers, or if the cord is damaged or worn.
- Additionally when the Machine is Operating Automatically
- a. Do not leave the machine to operate unattended if you know that there are pets, children or people in the vicinity.
- b. For machines used in public areas, that warning signs shall be placed around the working area of the machine. They shall show the substance of the following text: Warning! Automatic lawnmower! Keep away from the machine! Supervise children!

- Additionally When Using the Manual Controller
- a. Mow only in daylight or in good artificial light.
- b. Avoid operating the machine in wet grass.
- c. Do not operate the machine when barefoot or wearing open sandals. Always wear substantial footwear and long trousers.
- d. Always be sure of your footing on slopes.
- e. Use extreme caution when reversing the machine towards you.
- f. Always switch on the motor according to instructions with feet well away from the blade(s).

3. Maintenance and Storage

- a. Keep all nuts, bolts, and screws tight to be sure the machine is in safe working condition.
- b. Check the grass catcher frequently for wear or deterioration.
- c. Replace worn or damaged parts for safety.
- d. Ensure that only replacement cutting means of the right type are used.
- e. Ensure that batteries are charged using the correct charger recommended by the manufacturer. Incorrect use may result in electric shock, overheating or leakage of corrosive liquid from the battery.
- f. In the event of leakage of electrolyte flush with water/neutralizing agent, seek medical help if it comes into contact with the eyes, etc.
- g. Servicing of the machine should be according to manufacturers' instructions.
- h. Do not put anything on top of robotic lawnmower or its charging base.
- i. Do not lift the product when it is parked in the charging station. It can damage the charging station and/or the product. Push STOP and pull the product out of the charging station before lifting it.
- j. Do not use a high-pressure washer to clean the product. Do not use solvents for cleaning.

WARNING!

Please take attention that changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

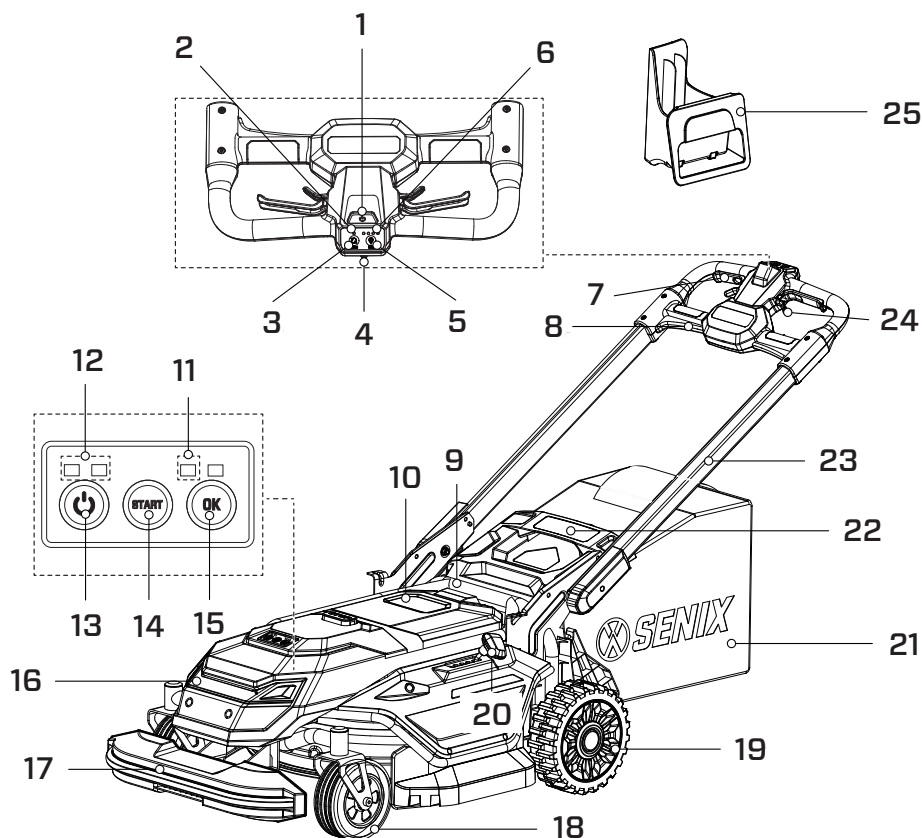
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

SAVE THESE INSTRUCTIONS

INTENDED USE

This lawn mower is only used as walk-behind lawn mower or self-navigation lawn mower for cutting grass in domestic use. Do not use it for other purpose.

KNOW YOUR UNIT



1	Safety Button
2	Straight Drive Status Light
3	“Assist” Button (Straight-line Drive Assist)
4	Speed Selector
5	“Map” Button
6	Mapping Status Lights
7	Blade Trigger
8	Handle Adjustment Button
9	Transport Handle
10	Battery Compartment Cover
11	Auto-mowing Status Light
12	Mower Status Lights
13	POWER Button

14	START Button
15	OK Button
16	Work Light
17	Bumper
18	Front Wheel
19	Rear Wheel
20	Cutting-height Adjustment Lever
21	Grass Bag
22	Rear-discharge Door
23	Handle
24	Self-propel Trigger
25	Mulching Insert

HOW IT WORKS

- **MANUAL MODE:**
 - The lawn mower is operated through manual hand pushing mode, with self-propel function. The handle is on the MANUAL MODE position. (See figure 1)
- **AUTO MODE:**
 - The lawn mower is operated automatically. The handle is on the AUTO MODE position. (See figure 2)

SENIX SMART PUSH LAWN MOWER is equipped with the

- **NET RTK Navigation System**
 - This system provides centimeter-level positioning accuracy, without the need for a separate base station, enabling your mower to perform precise and efficient autonomous mowing in AUTO MODE.
- **Variable-speed Self-propel System**
 - This system allows your mower to operate as a self-propelled lawn mower in MANUAL MODE, offering adjustable speed control to achieve customized mowing performance with minimal effort.

FUNCTIONS

- **Boundary Management**

No installation of perimeter wires or RTK reference stations required. Refer to the “Start First Mapping” section to define your working-zones and no-go zones.

- **Systematic Cutting**

Equipped with a RTK Navigation System, the mower performs precise back-and-forth systematic cutting. The app displays the cutting path in real-time, allowing users to visually monitor mowing progress.

- **Cutting Height**

The cutting height can be easily adjusted using the 5-position cutting-height lever (1.25” – 4”).

- **Rear-discharging Function**

This machine features rear discharge. It quickly discharges grass clippings through the rear outlet during mowing without collection, suitable for medium-sized, evenly grown lawns for efficient and tidy trimming.

- **Mulching Function**

The mower can perform mulching, which finely chops the grass clippings and distributes them evenly back onto the lawn, promoting a healthier lawn. To enable this function, install the mulching insert before mowing.

- **Bagging Function**

This lawn mower is equipped with a grass bag, which is used to collect grass clippings and keep the lawn tidy.

- **Straight-line Drive Assist System**

This system assists the operator in achieving precise straight-line cutting in MANUAL MODE. It learns the mowing direction and provides straight-line guidance by calculating the first 2 meters after activation.

- **Cellular Module**

Cellular Module is an IoT module used to connect to a network. The RTK system and self-navigation capabilities rely on a cellular network to function. The SIM card is already installed at the factory and does not need to be installed by the user. Information about APP download and SIM card activation can be reached on the supplied connectivity setup guide.

SPECIFICATIONS*

Model		LRX6-H
Rated Voltage		56 V $\approx$ (60 V $\approx$ Max*)
Rated Power	Cutting Motor	1200 W
	Driving Motor	2x150 W
Motor Type		Brushless
No-Load Speed		2600 min ⁻¹ (RPM)
Gradient (Max.)		35% (20°)
Cutting Capacity		21" (53 cm)
Mowing Function		3-in-1: Bagging / Mulching / Rear-discharging
Height Adjustment (Manually)		1.25" - 4" (5 positions)
Wheel Size (F/R)		7" / 10"
Grass Bag Volume		1.7 bu (60 L)
Working Type		Mixed Mode : Manual Mode + Auto Mode Manual Mode: Walk-behind Mower (with self-propel function) Auto Mode : RTK Navigation / Systematic Path
Moving Speed (Auto Mode)		0.3 m/s , 0.5 m/s (Default speed), 0.7 m/s
Moving Speed (Manual Mode)		0.3 m/s - 1.4 m/s
Water protection		IPX4
Recommended Operating Temperature		5 °F-104 °F
Recommended Storage Temperature		-4 °F-158 °F
Machine Weight (full assembled, without battery pack)		94.8 lb (43 kg)

*60 V Max battery, maximum initial battery voltage (measured without a workload) is 60 V. The nominal voltage is 56 V.



NOTE:

Only use the following batteries: B30X6, B40X6, B60X6, B80X6, B120X6 and chargers: CHX6-L, CHQX6, CHQX6-M, CHDX6-M.



NOTE:

Recommended ambient temperature for charging is 41 °F-104 °F (5 °C-40 °C).

ASSEMBLY

1. Unpack all parts and lay them on a flat, stable surface:
2. Remove all packing materials and shipping devices, if applicable.
3. The scope of delivery varies depending on the country and purchased variant.
 - Lawn mower x1
 - Grass bag assembly x1
 - Mulching insert x1
 - Instruction manual x1
4. If you find that parts are missing or show damage do not use the product but contact your dealer. Using an incomplete or damaged product represents a hazard to people and property.
5. Ensure that you have all the accessories and tools needed for assembly and operation. This also includes suitable personal protective equipment.

! WARNING!



Wear protective gloves for this assembly work and always lay the product on a flat and stable surface while assembling.



Follow the assembly instructions step-by-step and use the pictures provided as a visual guide to easily assemble the product!
Do not insert the battery pack before the power tool is completely assembled or adjusted!

HANDLE POSITION

Manual Mode Handle Position

Only use this two handle positions in MANUAL MODE.

Upper Operating Position

Lower Operating Position

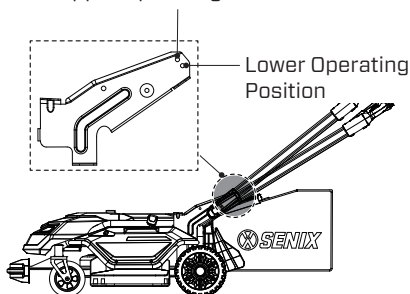


Fig. 1

Auto Mode / Storage Handle Position

Only use this handle position in AUTO MODE or when storage.

Auto Mode/Storage Handle Position

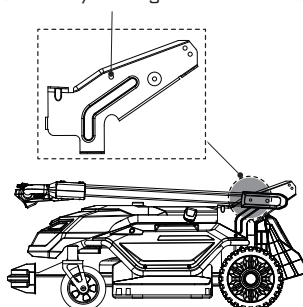


Fig. 2

Adjust the Handles

1. Press the handle adjustment button to adjust the handle. Lift or fold the handlebar to the desired position.
2. Loosen the button to lock the handle.

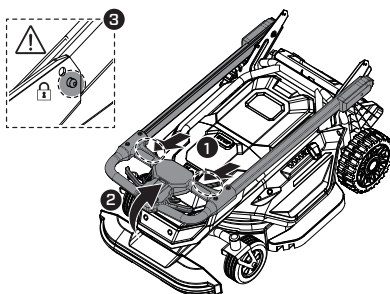


Fig. 3

ASSEMBLE THE GRASS BAG

1. Check the grass bag before assembling, to make sure that there is no damage.
2. Slide the grass bag onto the frame.

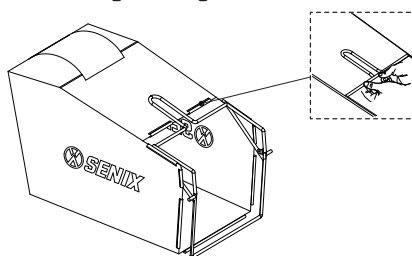


Fig. 4

3. Assemble the top clips to the frame firstly and then assemble the two side clips and the bottom clip last.

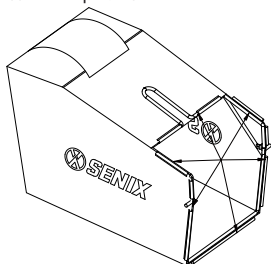


Fig. 5

INSTALL/REMOVE THE GRASS BAG



NOTE:

Remove the mulching insert before attaching the grass bag on the mower.

To Install:

Lift the rear-discharge door. Hook the grass bag on the pivot rod. Release the rear-discharge door so that it rests on the grass bag.

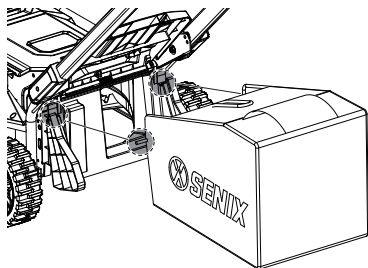


Fig. 6



WARNING!

When operating, make sure that the grass bag is correctly installed and the rear-discharge door correctly positioned.



WARNING!

To reduce the risk of injury, frequently inspect the bag assembly and replace the bag if there are any signs of wear or deterioration. Use only grass bags manufactured for this mower.

To Remove:

Lift the rear-discharge door. Lift and remove the grass bag. Release the discharge door.



NOTE:

The indicator ribbon stops fluttering when the grass bag is full, letting you know when the bag needs emptying.

INSTALL/REMOVE THE MULCHING INSERT



NOTE:

The mulching insert must be removed in order to install and use the grass bag and must be re-installed when the grass bag is removed.

To Install:

Lift and hold the rear-discharge door. Grasp the handle of the mulching insert and securely insert it into the mower. Release the rear-discharge door.

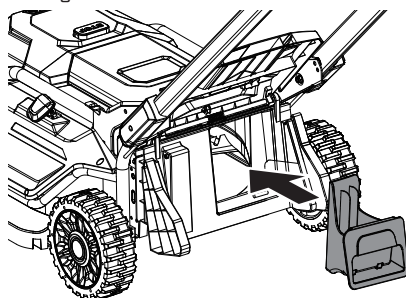


Fig. 7

To Remove:

Lift the rear-discharge door, and pull the mulching insert out. Release the rear-discharge door.

INSTALL/REMOVE THE BATTERY PACK



WARNING!

If any parts are broken or missing, do not attempt to attach the battery pack to the mower or operate the mower until the broken or missing parts are replaced. Failure to do so could result in serious injury.

To Install:

1. Charge the battery pack before first use.
2. Open the battery cover. Align the grooves in the battery pack with the raised ribs in the battery compartment and then insert the battery pack into the compartment

- until you hear a “click”.
- Press the battery pack until you hear another “click”. Now the battery pack is correctly installed.

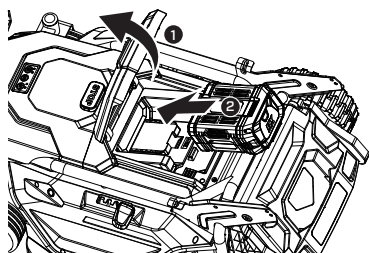


Fig. 8

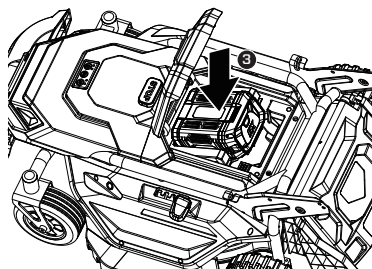


Fig. 9

To Remove:

- Depress the battery-release button to release the battery pack, and then lift it out of the compartment.
- Close the battery cover.

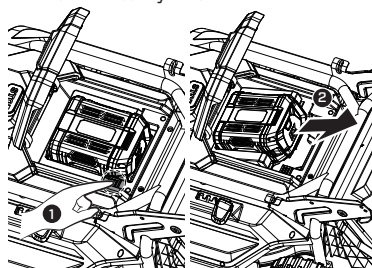


Fig. 10

ADJUST THE CUTTING-HEIGHT

WARNING!

Do not make any adjustment to the lawn mower without first stopping the motor and waiting until the blade has stopped rotating.

WARNING!

Keep your feet away from the deck when adjusting its height.

The mower can be set to 5 height-cutting positions between 1.25 " and 4 ". Choose the proper cutting height according to the type and condition of the grass to be cut.

- Pull the cutting-height adjustment lever outward. And then move it forward or backward to adjust the cutting height.
- Once arriving at the desired cutting-height position, move the lever inward locked in the slot.

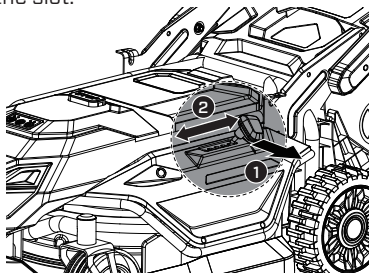


Fig. 11

OPERATION



WARNING!

Inspect the tool for complete installation. Any missing ,damaged or misplace may cause serious injury.



WARNING!

To reduce the risk of injury to persons, do not operate without guards in place.



WARNING!

Wear eye and ear protection, gloves, long trousers and boots at all times while operating the tool.

MANUAL MODE START/STOP



WARNING!

Keep your hands and feet away from the ejector opening and moving parts. When operating, both hands must hold the designated handle area.

WARNING!

If you strike a foreign object, stop the mower. Thoroughly inspect it for any damage, and repair the damage before restarting and operating it. Excessive vibration of the mower during operation is an indication of damage. The unit should be promptly inspected and repaired.

WARNING!

Do not attempt to start the mower until the handle has been locked in correct operating position.

NOTE:

Refer to “LIGHT INDICATORS DESCRIPTION” for more light details.

Start and Stop Steps:

1. Long press the POWER button to turn on the mower.
2. Press and hold the safety button.
3. Press and hold the blade trigger.
4. Once the tool is running, release the safety button.
5. To activate the self-propel function, press and hold the blade trigger and self-propel trigger together.
6. Move the speed selector left or right to choose desired speed.
7. Release the triggers to stop when finished the work.
8. Long press the POWER button again to turn off the mower.

Operations:

- **Self-propel mowing:**

- Follow above steps: 1, 2, 3, 4, 5, 6, 7, 8.

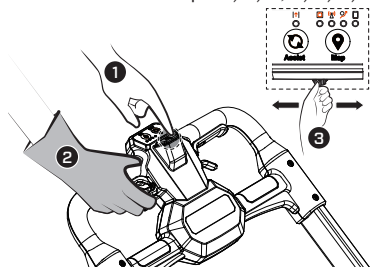


Fig. 12

- **Self-propel only (blade off):**

- Follow above steps: 1, 5, 6, 7, 8.

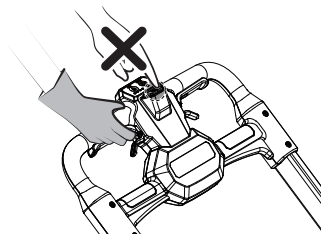


Fig. 13

- **Manual push mowing:**

- Follow above steps: 1, 2, 3, 4, 7, 8.

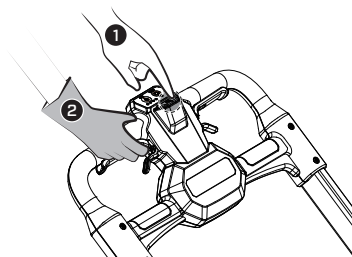


Fig. 14

STRAIGHT-LINE DRIVE ASSIST FUNCTION

NOTE:

Refer to “LIGHT INDICATORS DESCRIPTION” for more light details.

1. Activate the straight-line drive assisting by pressing the “Assist” button.
2. The indicator light “↑↓” changes from flashing to solid when the function is activated.
3. The mower learns the mowing direction by calculating the first 2 meters after activation. And then the light turns solid indicating the function is ready to use.

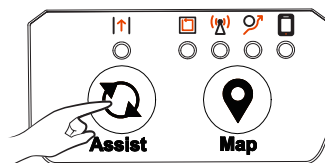


Fig. 15