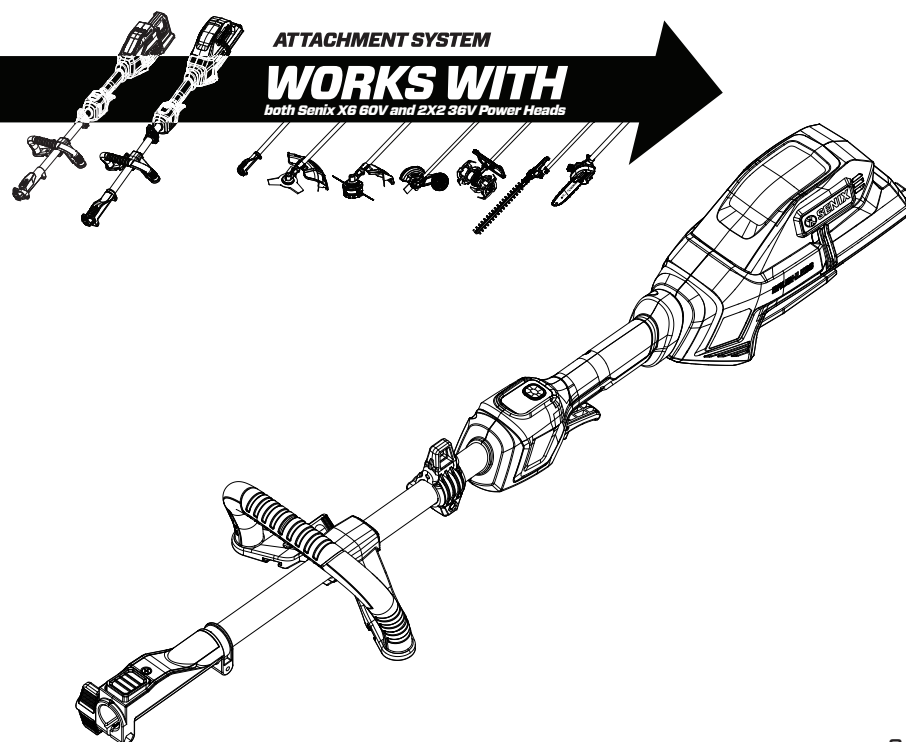




X6 60V^{*} LITHIUM-ION **BRUSHLESS**

CORDLESS POWER HEAD



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

- SAFETY
- ASSEMBLY
- OPERATION
- MAINTENANCE

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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.



Wear eye protection.



Wear hearing protection.



Wear a dust mask.



Do not use in rain or wet conditions.



Wear sturdy, non-slip footwear.



Wear protective gloves.



RCM Mark.

SAFETY INSTRUCTIONS

ORIGINAL INSTRUCTIONS

GENERAL POWER MACHINE SAFETY WARNINGS



WARNING!

Read all safety warnings, instructions, illustrations and specifications provided with this power 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 “power machine” in the warnings refers to your mains-operated (corded) power machine or battery-operated (cordless) power machine.

1. Work Area Safety

- a. **Keep work area clean and well lit.**
Cluttered or dark areas invite accidents.
- b. **Do not operate power machine in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** *Power machine create sparks which may ignite the dust or fumes.*
- c. **Keep children and bystanders away while operating a power machine.**
Distractions can cause you to lose control.

2. Electrical Safety

- a. **Power machine plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power machine.**
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 expose power machine to rain or wet conditions.** *Water entering a power machine will increase the risk of electric shock.*
 - d. **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power 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 power 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 power machine in a damp location is unavoidable, use a residual current device (RCD) protected supply.** *Use of an RCD reduces the risk of electric shock.*

3. Personal Safety

- a. **Stay alert, watch what you are doing and use common sense when operating a power machine. Do not use a power machine while you are tired or under the influence of drugs, alcohol or medication.** *A moment of inattention while operating power machine 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 power machine.** *Carrying power machine with your finger on the switch or energising power machine that have the switch on invites accidents.*
- d. **Remove any adjusting key or wrench before turning the power machine on.** *A wrench or a key left attached to a rotating part of the power machine may result in personal injury.*
- e. **Do not overreach. Keep proper footing and balance at all times.** *This enables better control of the power machine in unexpected situations.*
- f. **Dress properly. Do not wear loose clothing or jewellery. Keep your hair and clothing away from moving parts.** *Loose clothes, jewellery or long hair can be caught in moving parts.*
- g. **If devices 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 power machine allow you**

to become complacent and ignore power machine safety principles. *A careless action can cause severe injury within a fraction of a second.*

4. Power Machine Use and Care

- a. **Do not force the power machine. Use the correct power machine for your application.** *The correct power machine will do the job better and safer at the rate for which it was designed.*
- b. **Do not use the power machine if the switch does not turn it on and off.** *Any power 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 power machine before making any adjustments, changing accessories, or storing power machine.** *Such preventive safety measures reduce the risk of starting the power machine accidentally.*
- d. **Store idle power machine out of the reach of children and do not allow persons unfamiliar with the power machine or these instructions to operate the power machine.** *Power machine are dangerous in the hands of untrained users.*
- e. **Maintain power machine and accessories. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power machine's operation. If damaged, have the power machine repaired before use.** *Many accidents are caused by poorly maintained power machine.*
- f. **Keep cutting equipment sharp and clean.** *Properly maintained cutting power machine with sharp cutting edges are less likely to bind and are easier to control.*
- g. **Use the power machine, accessories and power machine bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** *Use of the power 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 power machine in unexpected situations.*

5. Battery Power 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 power machine 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 power machine that is damaged or modified.** *Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.*
- f. **Do not expose a battery pack or power machine to fire or excessive temperature.** *Exposure to fire or temperature above 130 °C may cause explosion.*
- g. **Follow all charging instructions and do not charge the battery pack or power 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 power machine serviced by a qualified repair person using only identical replacement parts.** *This will ensure that the safety of the power machine is maintained.*
- b. **Never service damaged battery packs.** *Service of battery packs should only be performed by the manufacturer or authorized service providers.*

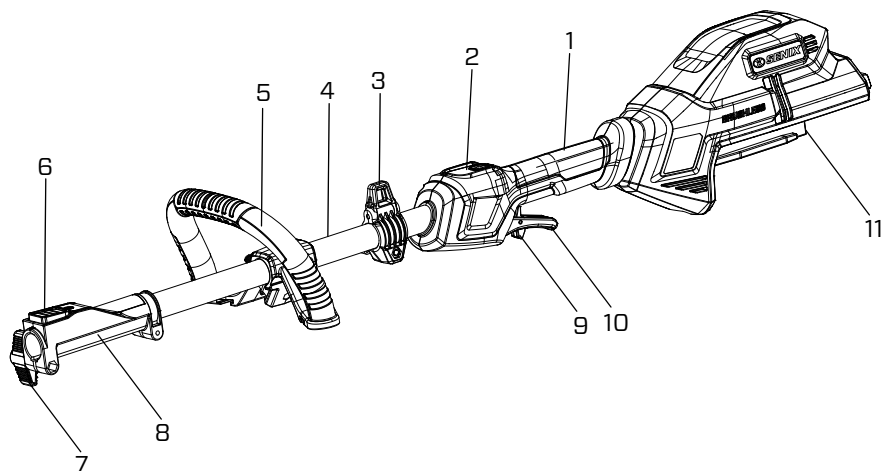
**NOTE: ADDITIONAL SPECIFIC SAFETY
RULES CAN BE FOUND IN THE APPLICABLE
ATTACHMENT'S INSTRUCTION MANUAL.**

SAVE THESE INSTRUCTIONS

INTENDED USE

The product is used with only the SENIX
attachments.

KNOW YOUR UNIT



APPLICATIONS

Model: PHX6-M-EU

As a power head:
being used with only the SENIX attachments.

1	Rear Handle
2	Control Panel
3	Shoulder-strap Loop
4	Power-head Shaft
5	Quick-adjust Front Handle
6	Attachment-release Button

7	Wing Knob
8	Attachment Coupler
9	Safety Switch
10	Variable Speed Trigger
11	Battery Docking Ports

SPECIFICATIONS

Model	PHX6-M-EU
Rated Voltage	56 V $\approx$ (60 V $\approx$ Max*)
Rated Output Power	1200 W
Motor Type	Brushless
No-Load Speed	7300 RPM (Max)
Recommended Operating Temperature	-15°C-40°C
Recommended Storage Temperature	-20°C-70°C
Weight (Tool Only)	3.1 kg

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

Only use the following attachments:

Attachment Type	Model
Line Trimmer Attachment	AGT008
Brush Cutter Attachment	ABC002
Hedge Trimmer Attachment	AHTP002
Pole Saw Attachment	ACSP005
Cultivator Attachment	ACT002
Edger Attachment	AET002



NOTE:

Only use the following batteries: B30X6, B40X6, B60X6, B80X6, B120X6 and chargers: CHX6-L-EU, CHQX6-EU, CHQX6-M-EU, CHDX6-M-EU. Only use B30X6, B40X6 for AGT008, AGT007, ABC002.

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.
 - Power head x1
 - Quick-adjust front handle x1
 - Clamping block x1
 - Wing nut x1
 - Bolt x1
 - Shoulder strap 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!

INSTALLING /REMOVING AN ATTACHMENT



WARNING!

Read and understand entire Instruction Manual for each optional attachment used with this power head and follow all warnings and instructions. Failure to follow all instructions could result in electric shock, fire and/or serious personal injury.

WARNING!

This power head is designed to be used only with the SENIX attachment models that are specified in this Instruction Manual for use with this power head. Use of other unauthorized attachments could cause serious personal injuries or property damage.

WARNING!

Some accessories have specific requirements related to safety. Always pay special attention to such instructions in the manual that accompanies each accessory.

WARNING!

Never install, remove, or adjust any attachment while the power head is running or with the battery installed. Failure to stop the motor and remove the battery can cause serious personal injury. **NEVER OPERATE THE POWER HEAD WITHOUT AN ATTACHMENT.** The attachment connects to the power head by means of a coupler device.

To Install:

1. Loosen the wing knob.
2. Remove the end cap from the attachment. Align the arrow on the attachment shaft with the arrow on the coupler and push the attachment shaft into the coupler until you hear a clear “click” sound. The coupler should be positioned all the way to the **RED LINE** labeled on the shaft for the attachment shaft to be properly mounted in place.

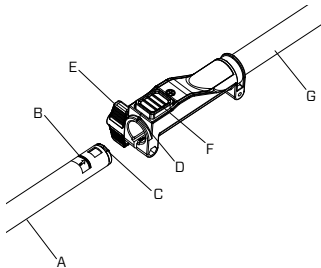


Fig. 1

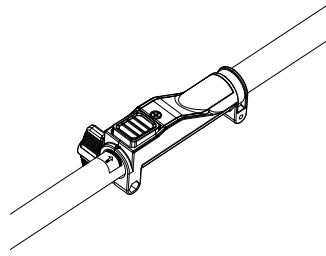


Fig. 2

3. Pull the shaft of the attachment to verify that it is securely locked into the coupler. If not, rotate the attachment shaft from side to side in the coupler until it snaps into place.
4. Tighten the wing knob securely.

WARNING!

Be certain that the wing knob is fully tightened before operating equipment; check it periodically for tightness during use to avoid serious personal injury.

To Remove:

1. Loosen the wing knob.
2. Press the shaft-release button and, with the button depressed, pull or twist the attachment shaft out of the coupler.

A	Attachment Shaft
B	Red Line
C	Arrow on the Attachment Shaft
D	Arrow on the Coupler
E	Wing Knob
F	Shaft-release Button
G	Power-head Shaft

INSTALLING THE HANDLE

WARNING!

Do not attempt to modify this product or create accessories not recommended for use with this power head. Any such alteration

or modification is misuse and could result in a hazardous condition leading to possibly serious personal injury.

! WARNING!

To prevent accidental starting that could cause serious personal injury, always remove the battery pack from the power head when installing or adjusting the quick-adjust front handle.

! WARNING!

Never use the power head without the front handle securely attached.

1. Clamp the front handle to the power-head shaft.

i NOTE:

Ensure the handle is oriented according to the diagram. Incorrect installation may cause malfunction.

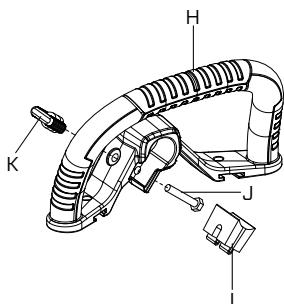


Fig. 3

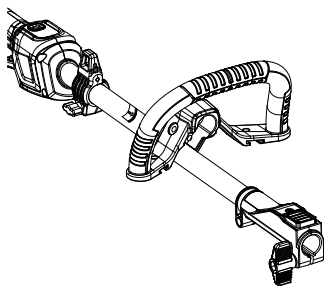


Fig. 4

! WARNING!

Make sure that the handle is not mounted beyond the label.

2. Push the clamping block into the handle slot.

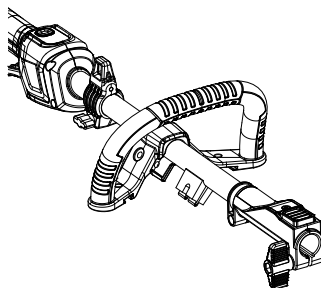


Fig. 5

3. Insert the bolt and tighten the wing nut. Make sure that the front handle is positioned upwards and points toward the coupler.

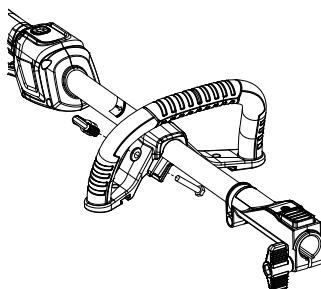


Fig. 6

4. The front handle can be adjusted by loosening the nut to make sure your front arm is straight when using the power head and then tighten the nut.

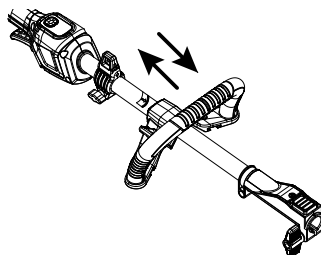


Fig. 7

WARNING!

The front handle should be positioned on the shaft only between the label and the coupler.

H	Front Handle
I	Clamping Block
J	Bolt
K	Wing Nut

INSTALLING THE SHOULDER STRAP

Depress the strap carabiner to open it and attach it onto the shoulder-strap loop. Adjust the length of the strap to attain a comfortable working position.

There are three ways to release the strap.

- Take it off from your shoulder directly.
- Depress the carabiner and disconnect the shoulder strap from the shoulder-strap loop.
- Pull down the release cord of the quick-release mechanism under emergencies to take off the strap quickly

When wearing the strap, no other wearable should interfere with the release and removal of the strap.

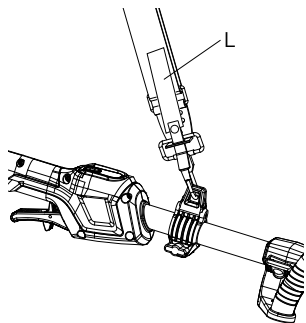


Fig. 8

WARNING!

Never attach or use the shoulder strap while operating a line trimmer. Ensure no strap is connected before starting.

L	Release Cord
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INSTALLING/REMOVING THE BATTERY PACK

To install:

Align and slide the battery pack to the docking port of the tool until it is locked in place.

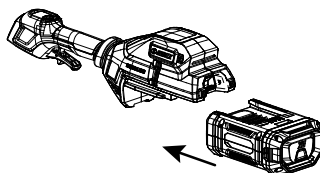


Fig. 9

To remove:

Press the battery-release button on the power head and slide the battery pack out.

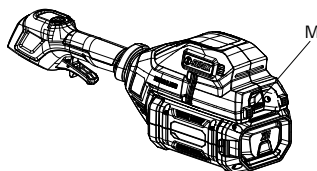


Fig. 10

M	Battery-release Button
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NOTE:

Refer to the manuals for the charger and battery pack for more details.

OPERATION



WARNING!

Dress properly to reduce the risk of injury when operating this power head. Do not wear loose clothing or jewelry. Wear eye and ear/hearing protection. Wear heavy duty, long trousers, boots and gloves. Do not wear short trousers, sandals or go barefoot.



WARNING!

NEVER OPERATE THE POWER HEAD WITHOUT AN ATTACHMENT. Do not attempt to start the power head without an attachment

SWITCHING ON/OFF

1. To start, push the safety switch forward and depress the trigger.
2. The rotational speed of the power head is controlled with the variable speed trigger. More pressure on the trigger results in higher speed; less pressure on the trigger results in lower speed. Adjust the speed to suit the task at hand.
3. To stop, release the trigger.

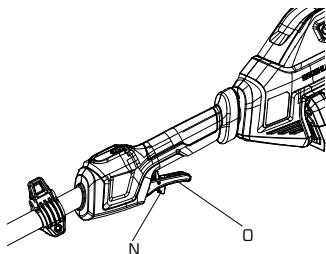


Fig. 11

N	Safety Switch
O	Trigger



WARNING!

Always remove the battery pack from the product during work breaks and after finishing work.

CHANGING SPEED MODE

BATTERY PACK POWER DISPLAY:

When the power tool is switched on/off, the battery pack power display will keep lighting for 5 seconds. When the battery pack is low voltage, the power display will flash.

ECO INDICATOR:

Press the ECO indicator button and the indicator is on. If the trigger is not activated, the indicator will go out after keeping lighting for 5 seconds. If the trigger is activated, the indicator will keep lighting till the trigger is turned off.

Refer to the table below for specific speed settings.

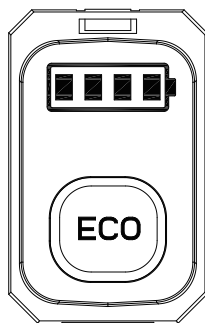


Fig. 12

MAINTENANCE



WARNING!

Only perform cleaning and maintenance according to these instructions! All further works must be performed by an Authorized Service Center.



WARNING!

TO PREVENT SERIOUS INJURY FROM ACCIDENTAL OPERATION: Make sure the battery pack is removed before performing any procedure in this section.

TO PREVENT SERIOUS INJURY FROM TOOL FAILURE: Do not use damaged equipment or accessories. If abnormal noise or vibration occurs, have the tool inspected and serviced before further use.

There are no user-serviceable parts in your power tool. If any of following condition are found, stop using it and send it to the

authorized service center for repair.

- Leaking, swollen, or cracked battery pack
- Loose hardware
- Misalignment or binding of accessories
- Cracked or broken parts
- Any other condition that may affect its safe operation

this purpose. Talk with your local authorities or dealer for advice on recycling.

CLEANING

- Use a small brush to clean the outside of the product. Do not use strong detergents. Household cleaners that contain aromatic oils such as pine and lemon, and solvents such as kerosene, can damage plastic.
- Wipe off any moisture with a soft cloth.



WARNING!

Do not use chemical, alkaline, abrasive or other aggressive detergents or disinfectants to clean this product as they might be harmful to its surfaces.

TRANSPORTATION

- Clean the product as described above.
- Always carry the product by its handle.
- Secure the product properly when transporting.

STORAGE

- Clean thoroughly as described above.
- Store in a dark, dry, frost-free and well-ventilated area that is inaccessible to children.
- Use original package for storage or cover with a suitable cloth to protect it against dust.

DISPOSAL

Unwanted product should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice. Users should clean up dust generated during operation to protect environment.



Batteries should not be discarded with household products. Used batteries must be collected separately and disposed of at collection points provided for

TROUBLESHOOTING

See the applicable attachment's instruction manual.