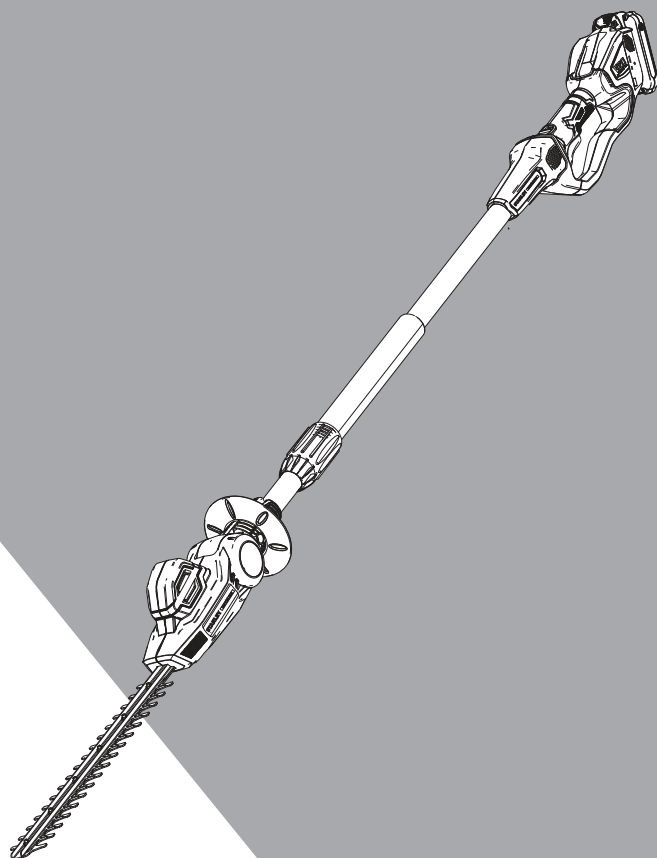


# STANLEY®

# FATMAX®

# V20

# LITHIUM ION



**SFMCPH845**



Fig. A

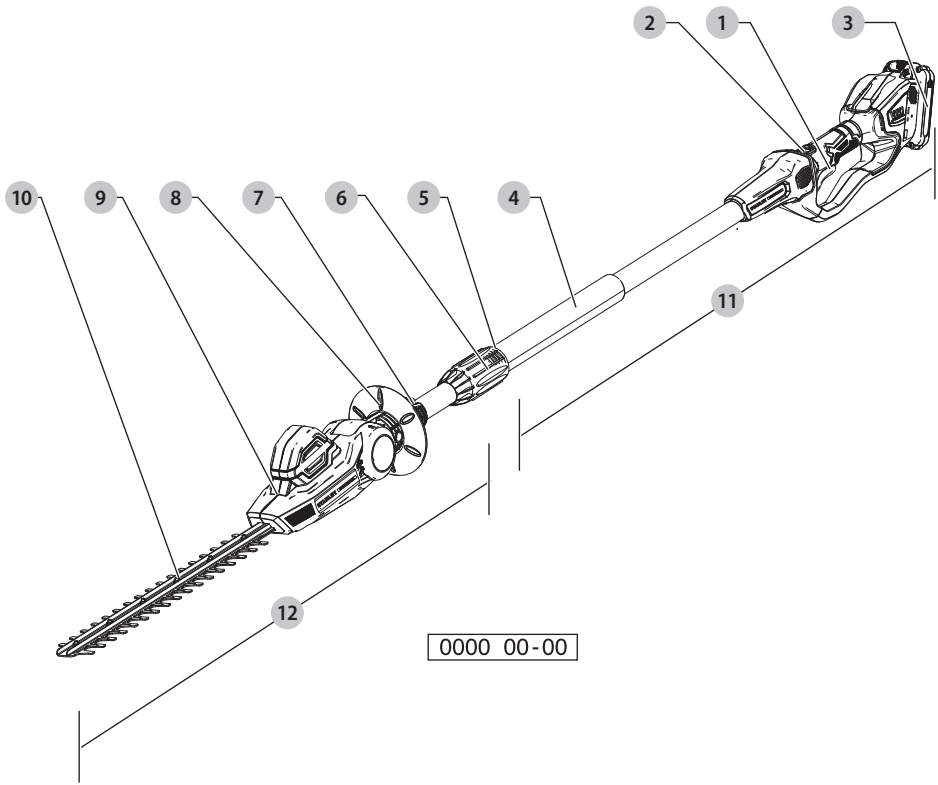


Fig. B

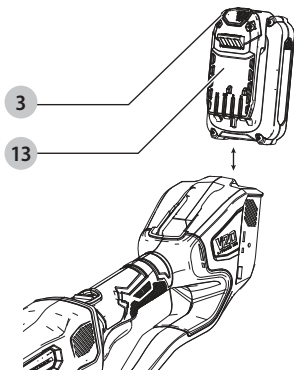


Fig. C

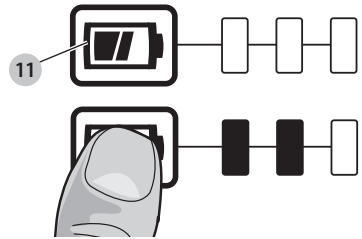


Fig. D

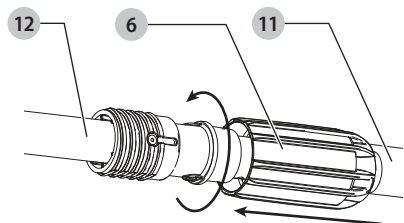


Fig. E

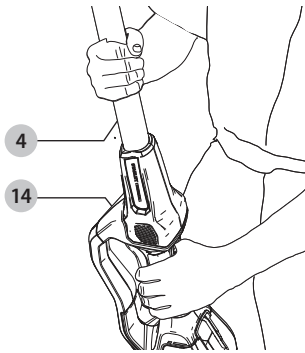


Fig. F

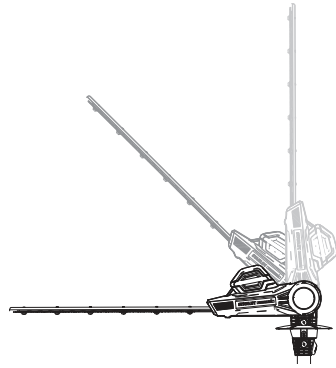


Fig. G

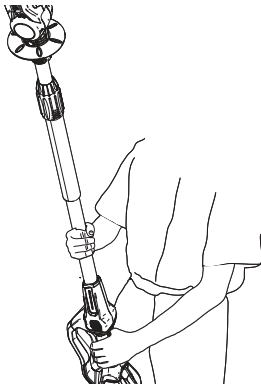


Fig. H



# HEDGE TRIMMER

## SFMCPH845

### Congratulations!

You have chosen a STANLEY FATMAX tool. Years of experience, thorough product development and innovation make STANLEY FATMAX one of the most reliable partners for professional power tool users.

### Technical Data

Batteries & Chargers sold separately

SFMCPH845		
Voltage	V <sub>DC</sub>	18
UK & Ireland	V <sub>DC</sub>	18
Type		1
Blade length	mm	450
Blade gap	mm	19
Blade strokes	spm	1400 min <sup>-1</sup>
Cutting Swath Size	mm	457
Weight (without battery pack)	kg	3.6

Noise values and vibration values (triax vector sum) according to EN62841-2-15:

L <sub>PA</sub> (emission sound pressure level)	dB(A)	75.5
L <sub>WA</sub> (sound power level)	dB(A)	90.0
K (uncertainty for the given sound level)	dB(A)	2.2
Vibration emission value a <sub>h</sub> =	m/s <sup>2</sup>	<2.5
Uncertainty K =	m/s <sup>2</sup>	1.5

The vibration emission level given in this information sheet has been measured in accordance with a standardised test given in EN62841 and may be used to compare one tool with another. It may be used for a preliminary assessment of exposure.



**WARNING:** *The declared vibration emission level represents the main applications of the tool. However if the tool is used for different applications, with different accessories or poorly maintained, the vibration emission may differ. This may significantly increase the exposure level over the total working period.*

*An estimation of the level of exposure to vibration should also take into account the times when the tool is switched off or when it is running but not actually doing the job. This may significantly reduce the exposure level over the total working period.*

*Identify additional safety measures to protect the operator from the effects of vibration such as: maintain the tool and the accessories, keep the hands warm, organisation of work patterns.*

Battery Cat #	Output Voltage	Charger SFMCB12
SFMCB202	18	X
SFMCB204	18	X
SFMCB206	18	X

"X" Indicates that the battery pack is compatible with that specific charger. Read the instruction manual for more specific information.

### EC-Declaration of Conformity Machinery Directive



#### Hedge Trimmer SFMCPH845

STANLEY FATMAX declares that these products described under **Technical Data** are in compliance with:

2006/42/EC, EN62841-1:2015, EN ISO 10517:2019.

2000/14/EC, Annex V

DEKRA Certification B.V.

Meander 1051 / P.O. box 5185

6525 MJ ARNHEM / 6802 ED

ARNHEM, Netherlands

L<sub>PA</sub> (measured sound pressure) 75.5 dB(A)  
uncertainty (K) = 2.5 dB (A)

L<sub>WA</sub> (guaranteed sound power) 92 dB(A)

These products also comply with Directive 2014/30/EU and 2011/65/EU. For more information, please contact STANLEY FATMAX at the following address or refer to the back of the manual.

The undersigned is responsible for compilation of the technical file and makes this declaration on behalf of STANLEY FATMAX.

A. P. Smith

Technical Director

STANLEY FATMAX Europe, Egide Walschaertsstraat14-18,  
2800 Mechelen, Belgium

28.10.2019



**WARNING:** *To reduce the risk of injury, read the instruction manual.*

## Definitions: Safety Guidelines

The definitions below describe the level of severity for each signal word. Please read the manual and pay attention to these symbols.



**DANGER:** Indicates an imminently hazardous situation which, if not avoided, **will** result in **death or serious injury**.



**WARNING:** Indicates a potentially hazardous situation which, if not avoided, **could** result in **death or serious injury**.



**CAUTION:** Indicates a potentially hazardous situation which, if not avoided, **may** result in **minor or moderate injury**.

**NOTICE:** Indicates a practice **not related to personal injury** which, if not avoided, **may** result in **property damage**.



Denotes risk of electric shock.



Denotes risk of fire.

## General Power Tool Safety Warnings



**WARNING:** Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

### SAVE ALL WARNINGS AND INSTRUCTIONS FOR FUTURE REFERENCE

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

#### 1) Work area safety

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

#### 2) Electrical safety

- Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.** Unmodified plugs and matching outlets will reduce risk of electric shock.
- 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.
- Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.

- Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.** Damaged or entangled cords increase the risk of electric shock.
- When operating a power tool outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.
- If operating a power tool 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

- Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention while operating power tools may result in serious personal injury.
- Use personal protective equipment. Always wear eye protection.** Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- 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 tool.** Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
- Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
- Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts.
- 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.
- Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles.** A careless action can cause severe injury within a fraction of a second.

#### 4) Power tool use and care

- Do not force the power tool. Use the correct power tool for your application.** The correct power tool will do the job better and safer at the rate for which it was designed.

- b) **Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- c) **Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.
- d) **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Power tools are dangerous in the hands of untrained users.
- e) **Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.** Many accidents are caused by poorly maintained power tools.
- f) **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- g) **Use the power tool, accessories and tool bits etc., in accordance with these instructions taking into account the working conditions and the work to be performed.** Use of the power tool 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 tool in unexpected situations.
- f) **Do not expose a battery pack or tool 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 tool 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 tool serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the power tool is maintained.
- b) **Never service damaged battery packs.** Service of battery packs should only be performed by the manufacturer or authorized service providers

## Additional Safety Instructions for Hedge Trimmers



**WARNING:** Cutting elements continue to rotate after the motor is switched off.

- **Keep all parts of the body away from the blade. Do not remove cut material or hold material to be cut when blades are moving.** Blades continue to move after the switch is turned off. A moment of inattention while operating the hedge trimmer may result in serious personal injury.
  - **Carry the hedge trimmer by the handle with the blade stopped and taking care not to operate any power switch.** Proper carrying of the hedge trimmer will decrease the risk of inadvertent starting and resultant personal injury from the blades.
  - **When transporting or storing the hedge trimmer, always fit the blade cover.** Proper handling of the hedge trimmer will decrease the risk of personal injury from the blades.
  - **When clearing jammed material or servicing the unit, make sure all power switches are off and the battery pack is removed or disconnected.** Unexpected actuation of the hedge trimmer while clearing jammed material or servicing may result in serious personal injury.
  - **Hold the hedge trimmer by insulated gripping surfaces only, because the blade may contact hidden wiring.** Blades contacting a "live" wire may make exposed metal parts of the hedge trimmer "live" and could give the operator an electric shock.
  - **Keep all power cords and cables away from cutting area.** Power cords or cables may be hidden in hedges or bushes and can be accidentally cut by the blade.
  - **Do not use the hedge trimmer in bad weather conditions, especially when there is a risk of lightning.** This decreases the risk of being struck by lightning.
  - **To reduce the risk of electrocution, never use the extended-reach hedge trimmer near any electrical power lines.** Contact with or use near power lines may cause serious injury or electric shock resulting in death.
- 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 tools 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 tool that is damaged or modified.** Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.

- **Always use two hands when operating the extended-reach hedge trimmer.** Hold the extended-reach hedge trimmer with both hands to avoid loss of control.
- **Always use head protection when operating the extended-reach hedge trimmer overhead.** Falling debris can result in serious personal injury.
- **Check the hedge for foreign objects, e.g. wire fences.**
- The hedge trimmer is intended to be used by the operator at ground level and not on ladders or any other unstable support; before operating the hedge trimmer, the user should make sure the locking device(s) of any moving elements (e.g. the extended shaft and pivoting element), if any, are in the locked position
- The intended use is described in this instruction manual. The use of any accessory or attachment or performance of any operation with this tool other than those recommended in this instruction manual can present a risk of personal injury and/or damage to property.
- Do not carry the tool with your hands on the front handle, switch or the trigger switch unless the battery has been removed.
- If you have not used a hedge trimmer before, preferably seek practical instruction by an experienced user in addition to studying this manual.
- Never touch the blades while the tool is running.
- Never attempt to force the blades to come to a standstill.
- Do not put the tool down until the blades have come to a complete standstill.
- Regularly check the blades for damage and wear. Do not use the tool when the blades are damaged.
- Take care to avoid hard objects (e.g. metal wire, railings) when trimming. Should you accidentally hit any such object, immediately switch the tool off and check for any damage.
- Should the tool start to vibrate abnormally, immediately switch it off and remove the battery then check for any damage.
- If the tool stalls, immediately switch it off. Remove the battery before attempting to remove any obstructions.
- After use, place the blade sheath supplied over the blades. Store the tool, making sure that the blade is not exposed.
- Always ensure that all guards are fitted when using the tool. Never attempt to use an incomplete tool or a tool with unauthorised modifications.
- Never allow children to use the tool.
- Be aware of falling debris when cutting the higher sides of a hedge.
- Always hold the tool with both hands and by the handles provided.
- **To reduce the risk of electrocution, never use near any electrical power lines.** Contact with or use near power lines may cause serious injury or electric shock resulting in death.
- **Always use two hands when operating the extended-reach hedge trimmer.** Hold the extended-reach hedge trimmer with both hands to avoid loss of control.
- **Always use head protection when operating the extended-reach hedge trimmer overhead.** Falling debris can result in serious personal injury. Use a hard hat compliant with ANSI Z89.1 (CAN/CSA Z94.1).



**CAUTION:** Do not expose to rain.

## Important Safety Rules



**WARNING:** Read and understand all instructions.

Failure to follow all instructions listed below may result in electric shock, fire and/or serious personal injury.

## SAVE THESE INSTRUCTIONS

### Before Operating Pole Hedge Trimmer



**CAUTION:** The unit has not been designed to provide protection from electric shock in the event of contact with overhead electric lines. Consult local regulations for safe distances from overhead electric power lines and ensure that the operating position is safe and secure before operating the extended reach hedge trimmer.

- For safe operation, read and understand all instructions before using the Pole Hedge Trimmer. Follow all safety instructions. Failure to follow all safety instructions listed below, can result in serious personal injury.
- Watch what you are doing. Use common sense. Do not operate Pole Hedge Trimmer when you are tired.
- Only well-instructed adults should operate Pole Hedge Trimmer. Never allow children to operate.
- Do not use Pole Hedge Trimmer for any job except that for which it is intended.
- Do not allow children or untrained individuals to use this unit.
- Wear the following safety gear when operating Pole Hedge Trimmer:
  - heavy-duty gloves
  - substantial footwear
  - safety glasses, goggles or face screen that are marked to comply with ANSI Z87.1
  - face or dust mask (if working in dusty areas)
- Do not wear loose fitting clothing, or jewelry of any kind that could get caught in the moving blades or parts of the Pole Hedge Trimmer.
- Secure long hair so it is above shoulder level to prevent entanglement in any moving parts.

### While Operating Pole Hedge Trimmer

- Stay alert. Use common sense while operating the unit.
- Keep work area clean. Cluttered areas invite injuries.

## Safety Instructions for Extended-Reach Hedge Trimmers

- **Do not use the extended-reach hedge trimmer in bad weather conditions, especially when there is a risk of lightning.** This decreases the risk of being struck by lightning.



- Keep children, animals and bystanders at a safe distance away from Pole Hedge Trimmer. Only Pole Hedge Trimmer user should be in work area.
- Grip Pole Hedge Trimmer securely - one hand on the foam gripper, the other on the main handle.
- Keep finger off trigger until ready to use.
- Before starting Pole Hedge Trimmer, make sure blades are not touching anything.
- Keep all parts of body away from blades when Pole Hedge Trimmer is running.
- Carry Pole Hedge Trimmer from one place to another
  - with battery removed
  - by holding pole at balance point
  - with blades to rear
- Do not operate in poor lighting.
- During operation, rest periodically and change working positions to reduce fatigue.
- Keep firm footing and balance. Do not overreach. Overreaching can result in loss of balance or exposure to sharp surfaces.
- Do not, under any circumstance, use any attachment or accessory on this product, which was not provided with the product, or identified as appropriate for use with this product in this Instruction Manual.
- **DO NOT ATTEMPT** to remove cut material or hold material to be cut when blades are moving. Remove battery when clearing jammed material from blades. Do not grasp the exposed cutting blades or cutting edges when picking up or holding the Pole Hedge Trimmer.



**CAUTION:** Blades coast after turn off.

- **DON'T FORCE POLE HEDGE TRIMMER** - It will do the job better and with less likelihood of a risk of injury at the rate for which it was designed.
- **DISCONNECT BATTERY** from the Pole Hedge Trimmer when not in use or when servicing or cleaning.
- **STORE IDLE POLE HEDGE TRIMMER INDOORS** - When not in use, Pole Hedge Trimmer should be stored indoors in a dry and high or locked-up place out of reach of children.
- **MAINTAIN POLE HEDGE TRIMMER WITH CARE** - Keep cutting blades sharp and clean for best performance and to reduce the risk of injury. Keep handles dry, clean and free from oil and grease.
- **CHECK DAMAGED PARTS** - Before further use of the Pole Hedge Trimmer, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting and any other condition that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced by an authorized service center unless otherwise indicated elsewhere in this manual.

## Do Not Operate Pole Hedge Trimmer

- While under the influence of alcohol, medication, or drugs in rain or in damp or wet areas
- Where highly flammable liquids or gases are present
- If Pole Hedge Trimmer is damaged, adjusted wrong, or not fully and securely assembled
- If trigger does not turn Pole Hedge Trimmer on and off. Blades must stop moving when you release trigger. Have faulty switch replaced by authorized service center. See **Repairs**.
- While in a hurry
- While in tree or on a ladder
- While on aerial booms, buckets or platforms
- During high wind or storming weather

## General Safety Rules



**WARNING: Shock Hazard.** To protect yourself from electrocution, do not operate within 10 feet (3 m) of overhead electrical lines. Consult local regulations for safe distances from overhead electric power lines and ensure that the operating position is safe and secure before operating the extended reach hedge trimmer. Failure to do this could result in severe personal injury.

- Keep the handles dry, clean, and free of oil.
- Make sure cutting blades have stopped before setting unit down.
- **DANGER: RISK OF CUT.** Keep hands away from blades. Keep both hands on handles when Pole Hedge Trimmer is on.



## Service

- **Tool service must be performed only by qualified repair personnel.** Service or maintenance performed by unqualified personnel could result in a risk of injury. See **Repairs**.
- **When servicing a tool, use only identical replacement parts. Follow instructions in the Maintenance section of this manual.** Use of unauthorized parts or failure to follow Maintenance Instructions may create a risk of electric shock or injury.

## Specific Safety Rules

- **Hold tool by insulated gripping surfaces when performing an operation where the cutting tool may contact hidden wiring.** Contact with a "live" wire will make exposed metal parts of the tool "live" and shock the operator.

## Residual Risks

Additional residual risks may arise when using the tool which may not be included in the enclosed safety warnings. These risks can arise from misuse, prolonged use etc.

Even with the application of the relevant safety regulations and the implementation of safety devices, certain residual risks can not be avoided. These include:

- Injuries caused by touching any rotating/moving parts.
- Injuries caused when changing any parts, blades or accessories.

- Injuries caused by prolonged use of a tool. When using any tool for prolonged periods ensure you take regular breaks.
- Impairment of hearing.
- Health hazards caused by breathing dust developed when using your tool (example: working with wood, especially oak, beech and MDF.)

## Electrical Safety

The electric motor has been designed for one voltage only. Always check that the battery pack voltage corresponds to the voltage on the rating plate. Also make sure that the voltage of your charger corresponds to that of your mains.



Your STANLEY FATMAX charger is double insulated in accordance with EN60335; therefore no earth wire is required.



**WARNING:** 115 V units have to be operated via a fail-safe isolating transformer with an earth screen between the primary and secondary winding.

If the supply cord is damaged, it must be replaced by a specially prepared cord available through the STANLEY FATMAX service organisation.

## Mains Plug Replacement (U.K. & Ireland Only)

If a new mains plug needs to be fitted:

- Safely dispose of the old plug.
- Connect the brown lead to the live terminal in the plug.
- Connect the blue lead to the neutral terminal.



**WARNING:** No connection is to be made to the earth terminal.

Follow the fitting instructions supplied with good quality plugs. Recommended fuse: 3 A.

## Using an Extension Cable

An extension cord should not be used unless absolutely necessary. Use an approved extension cable suitable for the power input of your charger (see **Technical Data**). The minimum conductor size is 1 mm<sup>2</sup>; the maximum length is 30 m.

When using a cable reel, always unwind the cable completely.

## SAVE THESE INSTRUCTIONS

## Chargers

STANLEY FATMAX chargers require no adjustment and are designed to be as easy as possible to operate.

## Important Safety Instructions for All Battery Chargers

**SAVE THESE INSTRUCTIONS:** This manual contains important safety and operating instructions for compatible battery chargers (refer to **Technical Data**).

- Before using charger, read all instructions and cautionary markings on charger, battery pack, and product using battery pack.



**WARNING:** Shock hazard. Do not allow any liquid to get inside charger. Electric shock may result.



**WARNING:** We recommend the use of a residual current device with a residual current rating of 30mA or less.



**CAUTION:** Burn hazard. To reduce the risk of injury, charge only STANLEY FATMAX rechargeable batteries. Other types of batteries may burst causing personal injury and damage.



**CAUTION:** Children should be supervised to ensure that they do not play with the appliance.

**NOTICE:** Under certain conditions, with the charger plugged into the power supply, the exposed charging contacts inside the charger can be shorted by foreign material. Foreign materials of a conductive nature such as, but not limited to, steel wool, aluminum foil or any buildup of metallic particles should be kept away from charger cavities. Always unplug the charger from the power supply when there is no battery pack in the cavity. Unplug charger before attempting to clean

- **DO NOT attempt to charge the battery pack with any chargers other than the ones in this manual.** The charger and battery pack are specifically designed to work together.
- **These chargers are not intended for any uses other than charging STANLEY FATMAX rechargeable batteries.** Any other uses may result in risk of fire, electric shock or electrocution.
- **Do not expose charger to rain or snow.**
- **Pull by plug rather than cord when disconnecting charger.** This will reduce risk of damage to electric plug and cord.
- **Make sure that cord is located so that it will not be stepped on, tripped over, or otherwise subjected to damage or stress.**
- **Do not use an extension cord unless it is absolutely necessary.** Use of improper extension cord could result in risk of fire, electric shock, or electrocution.
- **Do not place any object on top of charger or place the charger on a soft surface that might block the ventilation slots and result in excessive internal heat.** Place the charger in a position away from any heat source. The charger is ventilated through slots in the top and the bottom of the housing.
- **Do not operate charger with damaged cord or plug—** have them replaced immediately.
- **Do not operate charger if it has received a sharp blow, been dropped, or otherwise damaged in any way.** Take it to an authorised service centre.
- **Do not disassemble charger; take it to an authorised service centre when service or repair is required.** Incorrect reassembly may result in a risk of electric shock, electrocution or fire.
- In case of damaged power supply cord the supply cord must be replaced immediately by the manufacturer, its service agent or similar qualified person to prevent any hazard.
- **Disconnect the charger from the outlet before attempting any cleaning. This will reduce the risk of**

**electric shock.** Removing the battery pack will not reduce this risk.

- **NEVER** attempt to connect two chargers together.
- **The charger is designed to operate on standard 230V household electrical power. Do not attempt to use it on any other voltage.** This does not apply to the vehicular charger.










### Charging a Battery (Fig. B)

1. Plug the charger into an appropriate outlet before inserting battery pack.
2. Insert the battery pack **9** into the charger, making sure the battery pack is fully seated in the charger. The red (charging) light will blink repeatedly indicating that the charging process has started.
3. The completion of charge will be indicated by the red light remaining ON continuously. The battery pack is fully charged and may be used at this time or left in the charger. To remove the battery pack from the charger, push the battery release button **10** on the battery pack.

**NOTE:** To ensure maximum performance and life of lithium-ion battery packs, charge the battery pack fully before first use.

### Charger Operation

Refer to the indicators below for the charge status of the battery pack.

Charge Indicators	
	Charging  
	Fully Charged  
	Hot/Cold Pack Delay*  

This charger is designed to detect certain problems that can arise. Problems are indicated by the red light flashing at a fast rate. If this occurs, remove and then reinsert the battery pack into the charger. If the problem persists, try a different battery pack to determine if the charger is working properly. If the new pack charges correctly, then the original pack is defective and should be returned to a service center or other collection site for recycling. If the new battery pack elicits the same trouble indication as the original, have the charger and the battery pack tested at an authorized service center.

The compatible charger(s) will not charge a faulty battery pack. The charger will indicate faulty battery by refusing to light or by displaying problem pack or charger blink pattern.

**NOTE:** This could also mean a problem with a charger.


If the charger indicates a problem, take the charger and battery pack to be tested at an authorised service centre.

### Hot/Cold Pack Delay

When the charger detects a battery pack that is too hot or too cold, it automatically starts a Hot/Cold Pack Delay, suspending charging until the battery pack has reached an appropriate temperature. The charger then automatically switches to the pack charging mode. This feature ensures maximum battery pack life.

A cold battery pack will charge at a slower rate than a warm battery pack. The battery pack will charge at that slower rate throughout the entire charging cycle and will not return to maximum charge rate even if the battery pack warms.

### Charger Cleaning Instructions

-  **WARNING: Shock hazard. Disconnect the charger from the AC outlet before cleaning.** Dirt and grease may be removed from the exterior of the charger using a cloth or soft non-metallic brush. Do not use water or any cleaning solutions. Never let any liquid get inside the tool; never immerse any part of the tool into a liquid.

### Battery Packs

#### Important Safety Instructions for All Battery Packs


When ordering replacement battery packs, be sure to include catalog number and voltage.

The battery pack is not fully charged out of the carton. Before using the battery pack and charger, read the safety instructions below. Then follow charging procedures outlined.

#### READ ALL INSTRUCTIONS

- **Do not charge or use battery in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Inserting or removing the battery from the charger may ignite the dust or fumes.
- **Never force battery pack into charger. Do not modify battery pack in any way to fit into a non-compatible charger as battery pack may rupture causing serious personal injury.**
- Charge the battery packs only in STANLEY FATMAX chargers.
- **DO NOT** splash or immerse in water or other liquids.
- **Do not store or use the tool and battery pack in locations where the temperature may reach or exceed 40 °C (104 °F) (such as outside sheds or metal buildings in summer).**
- **Do not incinerate the battery pack even if it is severely damaged or is completely worn out.** The battery pack can explode in a fire. Toxic fumes and materials are created when lithium-ion battery packs are burned.
- **If battery contents come into contact with the skin, immediately wash area with mild soap and water.** If battery liquid gets into the eye, rinse water over the open eye for 15 minutes or until irritation ceases. If medical attention is needed, the battery electrolyte is composed of a mixture of liquid organic carbonates and lithium salts.
- **Contents of opened battery cells may cause respiratory irritation.** Provide fresh air. If symptoms persists, seek medical attention.

 **WARNING: Burn hazard.** Battery liquid may be flammable if exposed to spark or flame.

 **WARNING: Never attempt to open the battery pack for any reason.** If battery pack case is cracked or damaged, do not insert into charger. Do not crush, drop or damage battery pack. Do not use a battery pack or charger that

has received a sharp blow, been dropped, run over or damaged in any way (i.e., pierced with a nail, hit with a hammer, stepped on). Electric shock or electrocution may result. Damaged battery packs should be returned to service centre for recycling.



**WARNING: Fire hazard. Do not store or carry the battery pack so that metal objects can contact exposed battery terminals.** For example, do not place the battery pack in aprons, pockets, tool boxes, product kit boxes, drawers, etc., with loose nails, screws, keys, etc.



**CAUTION: When not in use, place tool on its side on a stable surface where it will not cause a tripping or falling hazard.** Some tools with large battery packs will stand upright on the battery pack but may be easily knocked over.

### Transportation



**WARNING: Fire hazard.** Transporting batteries can possibly cause fire if the battery terminals inadvertently come in contact with conductive materials. When transporting batteries, make sure that the battery terminals are protected and well insulated from materials that could contact them and cause a short circuit.

STANLEY FATMAX batteries comply with all applicable shipping regulations as prescribed by industry and legal standards which include UN Recommendations on the Transport of Dangerous Goods; International Air Transport Association (IATA) Dangerous Goods Regulations, International Maritime Dangerous Goods (IMDG) Regulations, and the European Agreement Concerning The International Carriage of Dangerous Goods by Road (ADR). Lithium-ion cells and batteries have been tested to section 38.3 of the UN Recommendations on the Transport of Dangerous Goods Manual of Tests and Criteria.

In most instances, shipping a STANLEY FATMAX battery pack will be excepted from being classified as a fully regulated Class 9 Hazardous Material. In general, only shipments containing a lithium-ion battery with an energy rating greater than 100 Watt Hours (Wh) will require being shipped as fully regulated Class 9. All lithium-ion batteries have the Watt Hour rating marked on the pack. Furthermore, due to regulation complexities, STANLEY FATMAX does not recommend air shipping lithium-ion battery packs alone regardless of Watt Hour rating. Shipments of tools with batteries (combo kits) can be air shipped as excepted if the Watt Hour rating of the battery pack is no greater than 100 Whr.

Regardless of whether a shipment is considered excepted or fully regulated, it is the shipper's responsibility to consult the latest regulations for packaging, labeling/markings and documentation requirements.

The information provided in this section of the manual is provided in good faith and believed to be accurate at the time the document was created. However, no warranty, expressed or implied, is given. It is the buyer's responsibility to ensure that its activities comply with the applicable

### Recommendations

1. The best storage place is one that is cool and dry away from direct sunlight and excess heat or cold. For optimum

battery performance and life, store battery packs at room temperature when not in use.

2. For long storage, it is recommended to store a fully charged battery pack in a cool, dry place out of the charger for optimal results.

**NOTE:** Battery packs should not be stored completely depleted of charge. The battery pack will need to be recharged before use.

### Labels on Charger and Battery Pack

In addition to the pictographs used in this manual, the labels on the charger and the battery pack may show the following pictographs:



Read instruction manual before use.



See **Technical Data** for charging time.



Do not probe with conductive objects.



Do not charge damaged battery packs.



Do not expose to water.



Have defective cords replaced immediately.



Charge only between 4 °C and 40 °C.



Only for indoor use.



Discard the battery pack with due care for the environment.

LI-ION



Charge STANLEY FATMAX battery packs only with designated STANLEY FATMAX chargers. Charging battery packs other than the designated STANLEY FATMAX batteries with a STANLEY FATMAX charger may make them burst or lead to other dangerous situations.



Do not incinerate the battery pack.

### Battery Type

The SFMCPH845 operates on a 18 volt battery pack.

These battery packs may be used: SFMCB202, SFMCB204, SFMCB206. Refer to **Technical Data** for more information.

## Package Contents

The package contains:

- 1 Hedge Trimmer
- 1 Sheath
- 1 Battery
- 1 Charger
- 1 Instruction manual
- Check for damage to the tool, parts or accessories which may have occurred during transport.
- Take the time to thoroughly read and understand this manual prior to operation.

## Markings on Tool

The following pictograms are shown on the tool:



Read instruction manual before use.



Wear ear protection.



Wear eye protection.



Wear head protection.



Wear slip-resistant footwear.



Beware of falling objects.



Do not expose the tool to rain or high humidity or leave outdoors while it is raining.



Switch the tool off. Before performing any maintenance on the tool, remove the battery from the tool.



Keep bystanders away.



Keep hands away from blade.



Electrocution hazard. Keep at least 10 m away from overhead lines.



Directive 2000/14/EC guaranteed sound power.

## Date Code Position (Fig. Q)

The date code **29**, which also includes the year of manufacture, is printed into the housing.

Example:

2019 XX XX  
Year of Manufacture

## Description (Fig. A)



**WARNING:** Never modify the power tool or any part of it. Damage or personal injury could result.

- |                   |                        |
|-------------------|------------------------|
| 1 Trigger switch  | 7 Locking latch        |
| 2 Lock button     | 8 Hand guard           |
| 3 Battery         | 9 Five position head   |
| 4 Foam gripper    | 10 Trimmer blade       |
| 5 Threaded pole   | 11 Handle module       |
| 6 Threaded sleeve | 12 Trimmer head module |

## Intended Use

Your STANLEY FATMAX, SFMCPH845 hedge trimmer has been designed for professional landscaping applications.

**DO NOT** use under wet conditions or in the presence of flammable liquids or gases.

This pole hedge trimmer is a professional power tool.

**DO NOT** let children come into contact with the tool.

Supervision is required when inexperienced operators use this tool.

- **Young children and the infirm.** This appliance is not intended for use by young children or infirm persons without supervision.
- This product is not intended for use by persons (including children) suffering from diminished physical, sensory or mental abilities; lack of experience, knowledge or skills unless they are supervised by a person responsible for their safety. Children should never be left alone with this product.

## ASSEMBLY AND ADJUSTMENTS



**WARNING:** To reduce the risk of serious personal injury, turn tool off and disconnect battery pack before making any adjustments or removing/installing attachments or accessories. An accidental start-up can cause injury.



**WARNING:** Use only STANLEY FATMAX battery packs and chargers.

## Inserting and Removing the Battery Pack from the Tool (Fig. B, C)

**NOTE:** Make sure your battery pack **9** is fully charged.

### To Install the Battery Pack into the Tool Handle

1. Align the battery pack **9** with the rails inside the tool's handle (Fig. B).
2. Slide it into the handle until the battery pack is firmly seated in the tool and ensure that you hear the lock snap into place.

## To Remove the Battery Pack from the Tool

1. Press the release button **10** and firmly pull the battery pack out of the tool handle.
2. Insert battery pack into the charger as described in the charger section of this manual.

## Fuel Gauge Battery Packs (Fig. C)

Some STANLEY FATMAX battery packs include a fuel gauge which consists of three green LED lights that indicate the level of charge remaining in the battery pack.

To actuate the fuel gauge, press and hold the fuel gauge button **11**. A combination of the three green LED lights will illuminate designating the level of charge left. When the level of charge in the battery is below the usable limit, the fuel gauge will not illuminate and the battery will need to be recharged.

**NOTE:** The fuel gauge is only an indication of the charge left on the battery pack. It does not indicate tool functionality and is subject to variation based on product components, temperature and end-user application.

## Joining Trimmer Head Module to Handle Module (Fig. A, D)

Combining the handle module **11** to the trimmer head module **12** creates a pole trimmer that is approximately 6' (1.8 m).

1. Align the groove on the outside of the coupling end of the handle module **11** with the tongue on the inside of the coupling end of the trimmer head module **12**.
2. Slide the threaded sleeve **6** on the trimmer head module down as far as possible and rotate the sleeve clockwise until it stops and completely covers the orange threads.

**WARNING:** Always check to make sure that the sleeve is completely threaded on and that the threads are no longer visible. Not threading the sleeve completely on could result in the modules becoming disconnected creating a hazardous condition. Periodically check the connections to insure that no threads are visible.

## Detaching Trimmer Head Module (Fig. D)

**WARNING:** Sharp moving blade. To prevent accidental operation, insure that battery is disconnected from the handle before performing the following operations. Failure to do this could result in serious personal injury.

When detaching the modules rest the handle module **11** on the ground and grasp the center of the trimmer head module **12** with one hand. Use your other hand to loosen the threaded sleeve and then pull the two halves apart.

## OPERATION

### Instructions for Use

**WARNING:** Always observe the safety instructions and applicable regulations.

**WARNING:** To reduce the risk of serious personal injury, turn tool off and disconnect battery pack before making any adjustments or removing/installing attachments or accessories. An accidental start-up can cause injury.

## Proper Hand Position (Fig. D)

**WARNING:** To reduce the risk of serious personal injury, ALWAYS use proper hand position as shown.

**WARNING:** To reduce the risk of serious personal injury, ALWAYS hold securely in anticipation of a sudden reaction.

Always hold the trimmer, as shown in the illustrations in this manual, with one hand on the switch handle **14** and one hand on the foam gripper **4**.

## Pivoting the Trimmer Head (Fig. A, E)

The trimmer head pivots 180° and can be locked into 5 different positions within that range. To avoid being pinched, wear gloves.

1. Press in on the locking latch **7** and raise the trimmer head.
2. Lock the trimmer head into any of the 5 positions. Check to make sure that trimmer head is locked into position by trying to move the motor housing. If it is not locked, rotate it to the closest lock position.

## Switch (Fig. A)

To turn the tool ON pull the lock button **1** back with your thumb and then squeeze the trigger **2**. (Once the tool is running you can release the lock button.) To turn the tool OFF, release the trigger.

## Trimming Instructions (Fig. A, F, G)

**DANGER:** KEEP HANDS AWAY FROM BLADES.

**WARNING:** To guard against injury, observe the following:

- READ INSTRUCTION MANUAL BEFORE USING. SAVE INSTRUCTION MANUAL.
- Check the hedge for foreign objects such as wires or fences before each use.
- KEEP HANDS ON HANDLES. DON'T OVERREACH.
- DO NOT USE UNDER WET CONDITIONS.

**CAUTION:** BLADE MAY COAST AFTER TURN OFF.

**NOTE:** Jamming the blade on large branches can cause damage.

**WORKING POSITIONS (Fig. D, F, G)** – Maintain proper footing and balance and do not overreach. Wear safety goggles, non-skid footwear and gloves when trimming. Hold the tool firmly in both hands and turn the tool ON. Always hold the trimmer, as shown in the illustrations in this manual, with one hand on the switch handle **14** and one hand on the foam gripper **4**(. Never hold the tool by the hand guard.

**TRIMMING NEW GROWTH** – Using a wide, sweeping motion, feeding the blade teeth through the twigs, is most effective. A slight downward tilt of the blade in the direction of motion gives the best cutting.

**LEVEL HEDGES** – To obtain exceptionally level hedges a piece of string can be stretched along the length of the hedge as a guide.

**SIDE TRIMMING HEDGES (Fig. G)** – Orient the trimmer as shown and begin at the bottom and sweep up.

### Guidelines for trimming (UK & Ireland)


- Trim hedges and shrubs with seasonal leaves (new leaves every year) in June and October.
- Trim evergreens in April and August.
- Trim conifers and other fast growing shrubs every six weeks from May until October.

### Guidelines for trimming (Australia & New Zealand)

- Trim hedges and shrubs with seasonal leaves (new leaves every year) in December and March.
- Trim evergreens in September and February.
- Trim conifers and other fast growing shrubs every six weeks from October until March.

## MAINTENANCE

Your STANLEY FATMAX power tool has been designed to operate over a long period of time with a minimum of maintenance. Continuous satisfactory operation depends upon proper tool care and regular cleaning.

 **WARNING: To reduce the risk of serious personal injury, turn tool off and disconnect battery pack before making any adjustments or removing/installing attachments or accessories. An accidental start-up can cause injury.**

The charger and battery pack are not serviceable.



### Lubrication

1. After use, carefully clean the blades with a resin solvent.
2. After cleaning, apply a light film of lubrication to the exposed blade.
3. Turn the trimmer vertical with the blades toward the ground and run the trimmer for a few seconds to fully disperse the lubrication.

## Transporting the Pole Hedge Trimmer

Always remove the battery from the tool when transporting the Pole Hedge Trimmer. Hold pole at balance point with blades towards the rear.

## Storing the Pole Hedge Trimmer

1. Disconnect battery from tool.
2. The best storage place is one that is cool and dry away from direct sunlight and excess heat or cold.



## Cleaning



**WARNING:** Blow dirt and dust out of the main housing with dry air as often as dirt is seen collecting in and around the air vents. Wear approved eye protection and approved dust mask when performing this procedure.



**WARNING:** Never use solvents or other harsh chemicals for cleaning the non-metallic parts of the tool. These chemicals may weaken the materials used in these parts. Use a cloth dampened only with water and mild soap. Never let any liquid get inside the tool; never immerse any part of the tool into a liquid.

## Optional Accessories



**WARNING:** Since accessories, other than those offered by STANLEY FATMAX, have not been tested with this product, use of such accessories with this tool could be hazardous. To reduce the risk of injury, only STANLEY FATMAX recommended accessories should be used with this product.

Consult your dealer for further information on the appropriate accessories.

## Protecting the Environment



Separate collection. Products and batteries marked with this symbol must not be disposed of with normal household waste.



Products and batteries contain materials that can be recovered or recycled reducing the demand for raw materials. Please recycle electrical products and batteries according to local provisions. Further information is available at [www.2helpU.com](http://www.2helpU.com).

## Rechargeable Battery Pack

This long life battery pack must be recharged when it fails to produce sufficient power on jobs which were easily done before. At the end of its technical life, discard it with due care for our environment:

- Run the battery pack down completely, then remove it from the tool.
- Li-Ion cells are recyclable. Take them to your dealer or a local recycling station. The collected battery packs will be recycled or disposed of properly.

**Australia & New Zealand**

Stanley Black & Decker

Stanley Fat Max

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