



HAYTER®

BY APPOINTMENT TO
HER MAJESTY THE QUEEN
MANUFACTURERS OF
HORTICULTURAL MACHINERY
HAYTER LIMITED

MAKERS OF THE FINEST MOWERS

Operator's Manual

Green Series Power System™

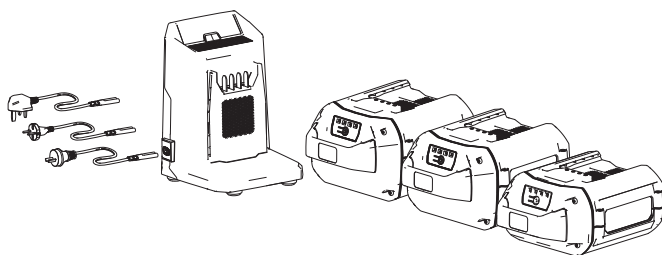
60V MAX Battery Charger

Model No. CODE102A - Serial No. 320000101 and Up

Model No. CODE106A - Serial No. 320000101 and Up

Model No. CODE107A - Serial No. 320000101 and Up

Model No. CODE120A - Serial No. 320000101 and Up



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Contents

Introduction	4
Safety	4 - 5
- Training	4
- Preparation	4 - 5
- Operation	5
- Maintenance and Storage	5
Safety and Instructional Decals	6 - 7
Setup	8
- Mounting the Battery Charger (Optional)	8
Product Overview	8
- Battery Charger	8
- Battery Pack	8
- Appropriate Temperature Ranges	8
Operation	8 - 9
- Charging the Battery Pack	8 - 9
Maintenance	9
- Storage	9
- Preparing the Battery Pack for Recycling	9
Troubleshooting	10
Privacy Policy	11 - 12

Introduction

This battery pack/charger is intended to be used by residential homeowners. Battery charger Model CODE120A is designed primarily to charge lithium-ion battery pack Models CODE102A, CODE106A, and CODE107A. It is not designed to charge any other batteries. Using these products for purposes other than their intended use could prove dangerous to you and bystanders.

Battery pack Models CODE102A, CODE106A, and CODE107A are designed primarily for use in most Green Series Power System™ products.

Read this information carefully to learn how to operate and maintain your product properly and to avoid injury and product damage. You are responsible for operating the product properly and safely.

Visit www.hayter.co.uk for more information, including safety tips, training materials, accessory information, help finding a dealer, or to register your product.

Safety

IMPORTANT SAFETY INSTRUCTIONS

1. **SAVE THESE INSTRUCTIONS**—This manual contains important safety and operating instructions for battery pack Models CODE102A, CODE106A, and CODE107A and battery charger Model CODE120A.
2. Before using the battery charger, read all the instructions and cautionary markings on the battery charger, battery pack, and product using the battery pack.
3. **CAUTION**—To reduce risk of injury, charge battery pack Models CODE102A, CODE106A, and CODE107A with battery charger Model CODE120A only. Other brands of battery packs may burst, causing personal injury and damage.
4. **WARNING**—Plugging the battery charger into an outlet that is not 100 to 240 V can cause a fire or electric shock. Do not plug the battery charger into an outlet other than 100 to 240 V. For a different style of connection, use an attachment plug adapter of the proper configuration for the power outlet if needed.

5. **CAUTION**—A mistreated battery pack may present a risk of fire or chemical burn. Do not disassemble the battery pack. Do not heat the battery pack above 68°C (154°F) or incinerate it. Replace the battery pack with a genuine Hayter battery pack only; using another type of battery pack may cause a fire or explosion. Keep battery packs out of the reach of children and in the original packaging until you are ready to use them.
6. These devices comply with Part 15 of the FCC rules. Operation is subject to the following 2 conditions: (1) These devices may not cause harmful interference; and (2) these devices must accept any interference received, including interference that may cause undesired operation.

Training

1. Do not allow people with reduced physical, sensory, or mental capabilities or without experience and knowledge to use the battery charger unless they have received instruction or supervision on using it safely and understand the hazards involved while using it.
2. Do not allow children to use or play with the battery pack or battery charger; local regulations may restrict the age of the operator.
3. Use appliances only with specifically designated battery packs. Using other types of battery packs may create a risk of injury and/or fire.
4. Do not use a damaged or modified battery pack or battery charger. It may exhibit unpredictable behavior, resulting in fire, explosion, or risk of injury.
5. If the supply cord to the battery charger is damaged, contact an Authorised Service Dealer to replace it.

Preparation

1. Use appliances only with specifically designated battery packs. Using other types of battery packs may create a risk of injury and/or fire.

2. Do not use a damaged or modified battery pack or battery charger. It may exhibit unpredictable behavior, resulting in fire, explosion, or risk of injury.
3. If the supply cord to the battery charger is damaged, contact an Authorised Service Dealer to replace it.

product is safely maintained.

4. Do not dispose of the battery in a fire. The cell may explode. Check with local codes for possible special disposal instructions.

SAVE THESE INSTRUCTIONS

Operation

1. Do not use non-rechargeable batteries.
2. Charge the battery pack with only the battery charger specified by Hayter. A charger suitable for 1 type of battery pack may create a risk of fire when used with another battery pack.
3. Charge the battery pack in a well-ventilated area only.
4. Do not expose a battery pack or battery charger to fire or to temperatures higher than 100°C (212°F).
5. Follow all charging instructions and do not charge the battery pack outside of the temperature range specified in the instructions. Otherwise, you may damage the battery pack and increase the risk of fire.
6. Under abusive conditions, the battery pack may eject liquid; avoid contact. If you accidentally come into contact with the liquid, flush with water. If the liquid contacts your eyes, seek medical help. Liquid ejected from the battery pack may cause irritation or burns.

Maintenance and Storage

1. Do not allow children to clean or maintain the battery charger without supervision.
2. When the battery pack is not in use, keep it away from metal objects such as paper clips, coins, keys, nails, and screws that can make a connection from 1 terminal to another. Shorting the battery terminals may cause burns or a fire.
3. Do not attempt to repair the battery pack or battery charger. Have an Authorised Service Dealer perform service on the battery pack or battery charger using identical replacement parts to ensure that the

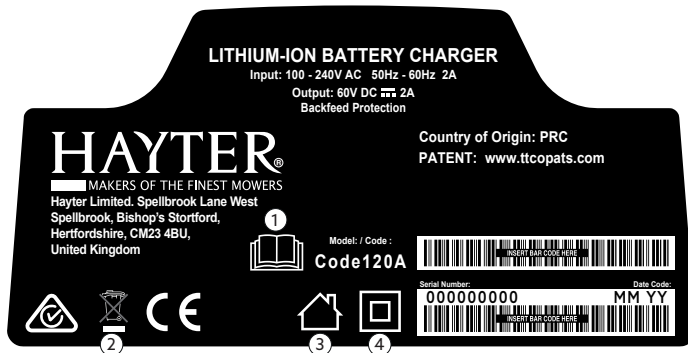
Safety and Instructional Decals

Safety decals and instructions are easily visible to the operator and are located near any area of potential danger. Replace any decal that is damaged or missing.



134-4217

1.	The battery pack is charging.	3.	The battery pack is over or under the appropriate temperature range.
2.	The battery pack is fully charged.	4.	Battery pack charging fault



134-4213

1.	Read the Operator's Manual.	3.	For indoor use.
2.	Do not discard.	4.	Double insulated

Safety and Instructional Decals



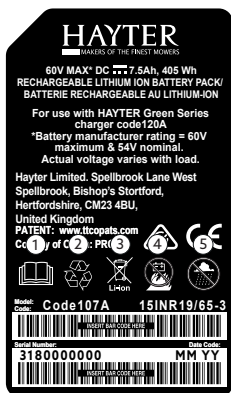
134-4212

1.	Read the Operator's Manual.	4.	Keep away from open flames.
2.	Recycle	5.	Do not expose to rain.
3.	Contains lithium ions: do not discard.		



134-4214

1.	Read the Operator's Manual.	4.	Keep away from open flames.
2.	Recycle	5.	Do not expose to rain.
3.	Contains lithium ions: do not discard.		



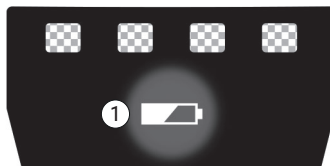
134-4215

1.	Read the Operator's Manual.	4.	Keep away from open flames.
2.	Recycle	5.	Do not expose to rain.
3.	Contains lithium ions: do not discard.		



137-4691

1.	'Eco' setting
2.	'Max' setting



137-9461

1.	Battery charge status
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Setup

Mounting the Battery Charger (Optional)

If desired, mount the battery charger securely on a wall using the wall-mount key holes on the back of the charger.

Mount it indoors (such as a garage or other dry place), near a power outlet, and out of the reach of children.

Refer to Figure 1 for assistance in mounting the charger.

Slide the charger over the appropriately positioned hardware to secure the charger in place (hardware not included).

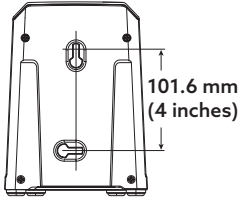


Figure 1

Product Overview

Battery Charger

Model	CODE120A
Type	60V MAX Lithium-Ion Battery Charger
Input	100 to 240V AC 50/60Hz Max 2.0A
Output	60V MAX DC 2.0A

Battery Pack

Model	CODE102A	CODE106A	CODE107A
Battery pack capacity	2.5 Ah 135 Wh	6.0 Ah 324 Wh	7.5 Ah 405 Wh
Battery manufacturer rating = 60V maximum and 54V nominal. Actual voltage varies with load.			

Appropriate Temperature Ranges

Charge battery pack at	5°C (41°F) to 40°C (104°F)*
Use battery pack at	-20°C (-4°F) to 49°C (120°F)
Store battery pack/charger at	5°C (41°F) to 40°C (104°F)*

*Charging time will increase if you do not charge the battery within this range. Store the tool, battery pack, and battery charger in an enclosed clean, dry area.

Operation

Charging the Battery Pack

Important: The battery pack is not fully charged when you purchase it. Before using the tool for the first time, place the battery pack in the charger and charge it until the LED display indicates the battery pack is fully charged. Read all safety precautions.

Important: Charge the battery pack only in temperatures that are within the appropriate range; refer to Specifications.

Note: At any time, press the battery-charge-indicator button on the battery pack to display the current charge (LED indicators).

5. Make sure that the vents on the battery are clear of any dust and debris.
6. Line up the cavity in the battery pack (Figure 2) with the tongue on the charger.
7. Make sure that the vents on the battery charger are clear of any dust and debris.
8. Slide the battery pack into the charger until it is fully seated Figure 2.

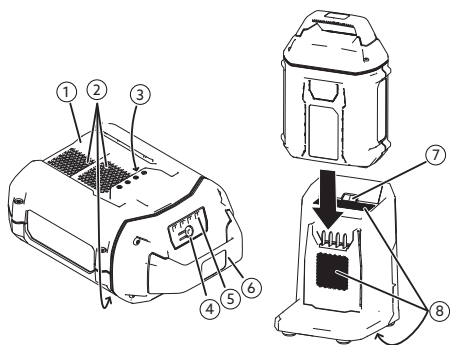


Figure 2

- | | |
|------------------------------------|------------------------------------|
| 1. Battery pack cavity | 5. LED indicators (current charge) |
| 2. Battery pack venting areas | 6. Handle |
| 3. Battery pack terminals | 7. Charger LED indicator light |
| 4. Battery-charge-indicator button | 8. Charger venting areas |
9. To remove the battery pack, slide the battery backward out of the charger.
 10. Refer to the following table to interpret the LED indicator light on the battery charger.

Indicator light	Indicates
Off	No battery pack inserted
Green blinking	Battery pack is charging
Green	Battery pack is charged
Red	Battery pack and/or battery charger is over or under the appropriate temperature range
Red blinking	Battery pack charging fault*

*Refer to Troubleshooting for more information.

Maintenance

Maintenance and servicing are not required under normal conditions.

When you clean the surface of the equipment,

wipe it only with a dry cloth.

Do not disassemble the equipment; if it is damaged, contact your Authorised Service Dealer.

Storage

Important: Store the tool, battery pack, and charger only in temperatures that are within the appropriate range; refer to Specifications.

Important: If you are storing the tool for a year or longer, remove the battery pack from the tool and charge the battery pack until 2 or 3 LED indicators turn green on the battery. Do not store a fully charged or fully depleted battery. When you are ready to use the tool again, charge the battery pack until the left indicator light turns green on the charger or all 4 LED indicators turn green on the battery.

- Disconnect the product from the power supply (i.e., remove the battery pack) and check for damage after use.
- Clean all foreign material from the product.
- When not in use, store the tool, battery pack, and battery charger out of the reach of children.
- Keep the tool, battery pack, and battery charger away from corrosive agents, such as garden chemicals and de-icing salts.
- To reduce the risk of serious personal injury, do not store the battery pack outside or in vehicles.
- Store the tool, battery pack, and battery charger in an enclosed clean, dry area.

Preparing the Battery Pack for Recycling

Important: Upon removal, cover the terminals of the battery pack with heavy-duty adhesive tape. Do not attempt to destroy or disassemble the battery pack or remove any of its components.

Contact your local municipality or your authorised Hayter distributor for more information on how to responsibly recycle the battery.

Troubleshooting

Perform only the steps described in these instructions. All further inspection, maintenance, and repair work must be performed by an authorised service centre or a similarly qualified specialist if you cannot solve the problem yourself.

Problem	Possible Cause	Corrective Action
The battery pack loses charge quickly.	1. The battery pack is over or under the appropriate temperature range.	1. Move the battery pack to a place where it is dry and the temperature is between 5°C (41°F) and 40°C (104°F).
The battery charger is not working.	1. The battery charger is over or under the appropriate temperature range. 2. The outlet that the battery charger is plugged into does not have power.	1. Unplug the battery charger and move it to a place where it is dry and the temperature is between 5°C (41°F) and 40°C (104°F). 2. Contact your licensed electrician to repair the outlet.
The LED indicator light on the battery charger is red.	1. The battery charger and/or battery pack is over or under the appropriate temperature range.	1. Unplug the battery charger and move the battery charger and battery pack to a place where it is dry and the temperature is between 5°C (41°F) and 40°C (104°F).
The LED indicator light on the battery charger is blinking red.	1. There is an error in the communication between the battery pack and the charger. 2. The battery pack is weak.	1. Remove the battery pack from the battery charger, unplug the battery charger from the outlet, and wait 10 seconds. Plug the battery charger into the outlet again and place the battery pack on the battery charger. If the LED indicator light on the battery charger is still blinking red, repeat this procedure again. If the LED indicator light on the battery charger is still blinking red after 2 attempts, properly dispose of the battery pack at a battery recycling facility. 2. Properly dispose of the battery pack at a battery recycling facility.
The tool does not run or does not run continuously.	1. There is moisture on the leads of the battery pack. 2. The battery is not fully installed into the tool.	1. Allow the battery pack to dry or wipe it dry. 2. Remove and then replace the battery into the tool making sure that it is fully installed and latched.
It is difficult to remove the battery pack from the tool.	1. The battery pack/tool is new or there is corrosion in the battery terminals and/or the terminals on the tool.	1. Clean the terminals on the battery and the tool. Then apply dielectric grease to the battery terminals; do not use any other type of lubricant as it can damage the terminals.

EEA/UK Privacy Notice

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