

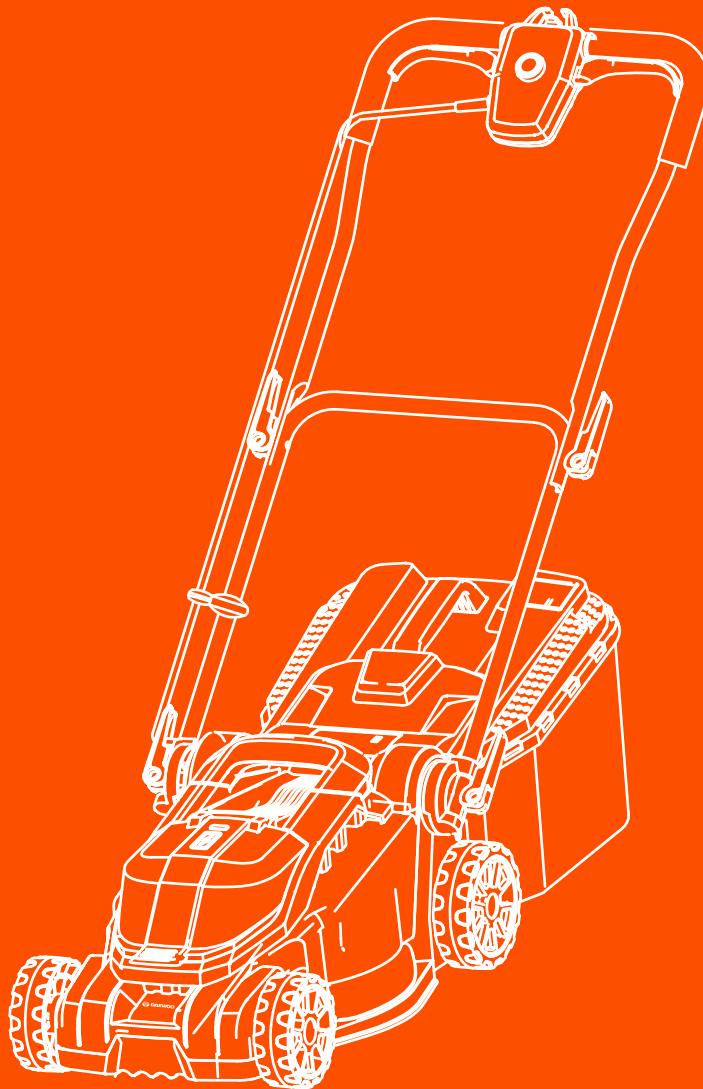


DAEWOO

POWER PRODUCTS

DALLM18-320K

Lithium lawnmower



USER'S MANUAL

www.daewoopowerproducts.com

Manufactured under license of Daewoo International Corporation, Korea

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WARNING

Read and understand all instructions. Save these instructions. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury. The term 'power tool' in all of the warnings below refers to your mains-operated (corded) power tool.

KNOW YOUR LAWN MOWER

Read this manual carefully, observing the recommended safety instructions before, during and after using your lawn mower. Following these simple instructions will also maintain your lawn mower in good working order. Familiarize yourself with the controls on your mower before attempting to operate it, but above all, be sure you know how to stop your mower in an emergency. Retain this user manual and all other literature with your mower for future reference.

1. SYMBOLS MARKED ON THE PRODUCT



Read this instruction book carefully before using the lawn mower and keep it in a safe place for future reference.



Keep bystanders away.



Beware of sharp blades. Blades continue to rotate after the motor is switched off.

Remove the key from the machine before maintenance or if cord damaged.



Keep the supply flexible cord away from the cutting blades.



CE Marking

The product meets demands and regulations set by the European Community.



CAUTION! Unusable power tools do not belong with domestic waste. They must be taken to a communal collecting point for environmentally friendly disposal in accordance with local regulations.



Noise level marking

Your tool noise is not more than 96dB.



SAFETY ALERT SYMBOL: Indicates caution or warning may be used in conjunction with other symbols or pictures.

2. GENERAL SAFETY RULES

The purpose of the safety rules is to attract your attention to possible dangers. The safety symbols and the explanations with them, require your careful attention and understanding. The safety warnings do not by themselves eliminate any danger. The instruction or warnings they give are not substitutes for proper accident prevention measures.

⚠ WARNING: Failure to obey a safety warning can result in serious injury to yourself or to others. Always follow the safety precautions to reduce the risk of fire, electric shock and personal injury. Save owners manual and review frequently for continuing safe operation and instructing others who may use this tool.

⚠ WARNING: This machine produces an electromagnetic field during operation. This field may under some circumstances interfere with active or passive medical implants. To reduce the risk of serious or fatal injury, we recommend persons with medical implants to consult their physician and the medical implant manufacturer before operating this machine.

⚠ WARNING: The operation of any tool can result in foreign objects being thrown into your eyes, which can result in eyes severely damaged. Before beginning power tool operation, always wears safety goggles or safety glasses with side shields and a full face shield when needed. We recommend Wide Vision Safety Mask for use over eyeglasses or standard safety glasses with side shield.

IMPORTANT

Read carefully before use.
Keep for future reference.

1. Read the instructions carefully. Be familiar with the controls and the proper use of the equipment;
2. Never allow children or people unfamiliar with these instructions to use the lawnmower. Local regulations can restrict the age of the operator
3. Never mow while people, especially children, or pets are nearby;
4. Keep in mind that the operator or user is responsible for accidents or hazards occurring to other people or their property.
5. While mowing, always wear substantial footwear and long trousers. Do not operate the equipment when barefoot or wearing open sandals; Avoid wearing clothing that is loose fitting or that has hanging cords or ties.
6. Thoroughly inspect the area where the equipment is to be used and remove all objects which can be thrown by the machine.
7. Before using, always 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. Replace damaged or unreadable labels.
8. Before use check the supply and cord for signs of damage or worn. If the cord becomes damaged during use, disconnect the cord from the supply immediately. **DO NOT TOUCH THE CORD BEFORE DISCONNECTING THE SUPPLY.** Do not use the appliance if the cord is damaged or worn.
9. mow only in daylight or in good artificial light;
10. avoid operating the equipment in wet grass, where feasible;
11. Always be sure of your footing on slopes;
12. Walk, never run;
13. For wheeled rotary machines; mow across the face of slopes, never up and down;
14. exercise extreme caution when changing direction on slopes;
15. Do not mow excessively steep slopes;
16. Use extreme caution when reversing or pulling the lawnmower towards you;

17. Stop the blades if the lawn mower has to be tilted for transportation when crossing surfaces other than grass, and when transporting the lawn mower to and from the area to be mowed;
18. Never operate the lawnmower with defective guards, or without safety devices, for example deflectors and/or grass catchers, in place;
19. Start or switch on the motor carefully according to instructions and with feet well away from the blades;
20. Do not tilt the lawnmower when starting switching on the motor, except if the lawnmower has to be tilted for starting. In this case, do not tilt it more than absolutely necessary and lift only the part which is away from the operator;
21. Do not start the motor when standing in front of the discharge chute;
22. Do not put hands or feet near or under rotating parts, Keep clear of the discharge opening at all times
23. Never pick up or carry a lawnmower while the motor is running;
24. Stop the motor and Pull out the key, Make sure that all moving parts have come to a complete stop.
 - Whenever you leave the machine;
 - Before clearing blockages or unclogging chute;
 - Before checking, cleaning or working on the lawnmower;
 - After striking a foreign object. Inspect the lawnmower for damage and make repairs before restarting and operating the lawnmower;
- If lawnmower starts to vibrate abnormally (check immediately);
 - Inspect for damage.
 - Replace or repair any damage parts.
 - Check for and tighten any loose parts.
25. Stop the mower:
 - Whenever you leave the lawnmower;
26. keep all nuts, bolts and screws tight to be sure the equipment is in safe working condition;
27. check the grass catcher frequently for wear or deterioration;
28. Replace worn or damaged parts for safety;
29. Do not use the lawnmower if the cords are damaged or worn
30. Not to connect a damaged cord to the supply or touch a damaged cord before it is disconnected from the supply. A damaged cord can lead to contact with live parts.
31. Not to touch the blade before the machine is disconnected from the supply and the blade have come to a complete stop
32. To disconnect the supply (i.e. pulling the plug from the socket)
 - Whenever leaving the machine unattended.
 - Before clearing a blockage.
 - Before checking, cleaning or working on the machine.
 - After striking a foreign object.
 - Whenever the machine starts vibrating abnormally.
33. Children are not allowed to use the machine.
34. This appliance is not intended for use by persons with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
35. Be careful during adjustment of the machine to prevent entrapment of the fingers between moving blades and fixed parts of the machine.
36. Always allow the machine to cool before storing.
37. When servicing the blades be aware that, even though the power source is switched off, the blades can still be moved.
38. Replace worn or damaged parts for safety; Use only genuine replacement parts and accessories.
39. Be careful during adjustment of the appliance to prevent entrapment of the fingers between moving blades

and fixed parts of appliance.

40. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

3. GENERAL IDENTIFICATION

- | | |
|-----------------------|-------------------|
| 1. Upper handle | 9. Motor cover |
| 2. Safety push-button | 10. Lower handle |
| 3. Switch box | 11. Cable clamp |
| 4. Locking knob | 12. Switch handle |
| 5. Key | 13. Wheel |
| 6. Grass catcher | 14. Battery cover |
| 7. Deck | 15. Battery |
| 8. Upper deck | 16. Charger |



4. TECHNICAL DATA

Power: 20 V
 Drive style: Gears drive
 Cutting width: 32 cm
 Speed: 3500 rpm
 No load running time: 40 Minutes
 Cutting grass: about 20 Minutes
 Cutting height: 20/35/50 mm
 Brack: Electric brack
 Wheels: front: 125 mm, Rear: 140 mm
 Grass collection: 35 L
 Handle angle: adjustable
 Switch: Double wings for both hands easy operation.

5. ASSEMBLY

5-1 Assembly the folding handle

- Fix the lower handlebars into the unit body with locking knobs as Fig. 2A,/Fig.2B/Fig.2C shown.
- Connect the upper handle and the lower handle with the locking knob. (Fig.2D/Fig.2E/Fig.2F)
- Attach the cable clamp to the position shown and then attach the cable (Fig.2G).



5-2 Assembly the grass catcher

1. To fit: Raise the rear cover and hitch the grass catcher on rear of mower. (Fig.3A/Fig.3B/Fig.3C/Fig.3A1/Fig.3B1/-Fig.3C1)
2. To remove: grasp and lift the rear cover, remove grass catcher.

IMPORTANT:

If the position of indicator opening is very dirty, the indicator will not inflate-in this case, clean the position of indicator opening immediately.



Fig. 3A



Fig. 3B



Fig. 3A1



Fig. 3B1



Fig. 3C1



Fig. 3D



Fig. 3E

5-3 Adjustment of cutting height

Apply to different height of grass, lawnmower can adjust height at 3 positions(20-35-50mm). Pls adjust four wheels to the same lever to make the lawn mower steady.



Fig. 4A

5-4 Adjustment of handle height

The handle of lawn mower is adjustable, it can be suit for different people. (Fig. 5A)

When the cutting height is adjust at 20mm, the handle height can be adjust from 84cm to 98cm, 3 position. (Fig.5B, Fig.5C, Fig.5D)



Fig. 5A

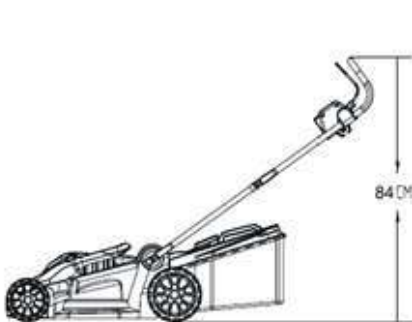


Fig. 5B

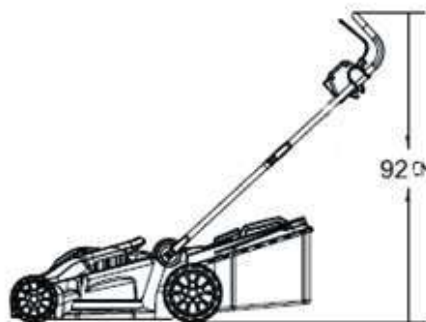


Fig. 5C

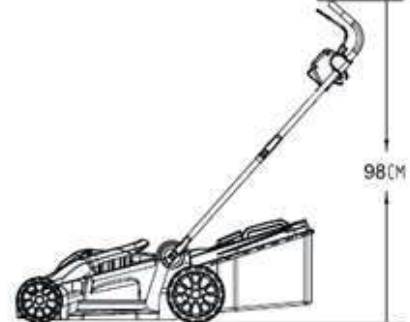


Fig. 5D

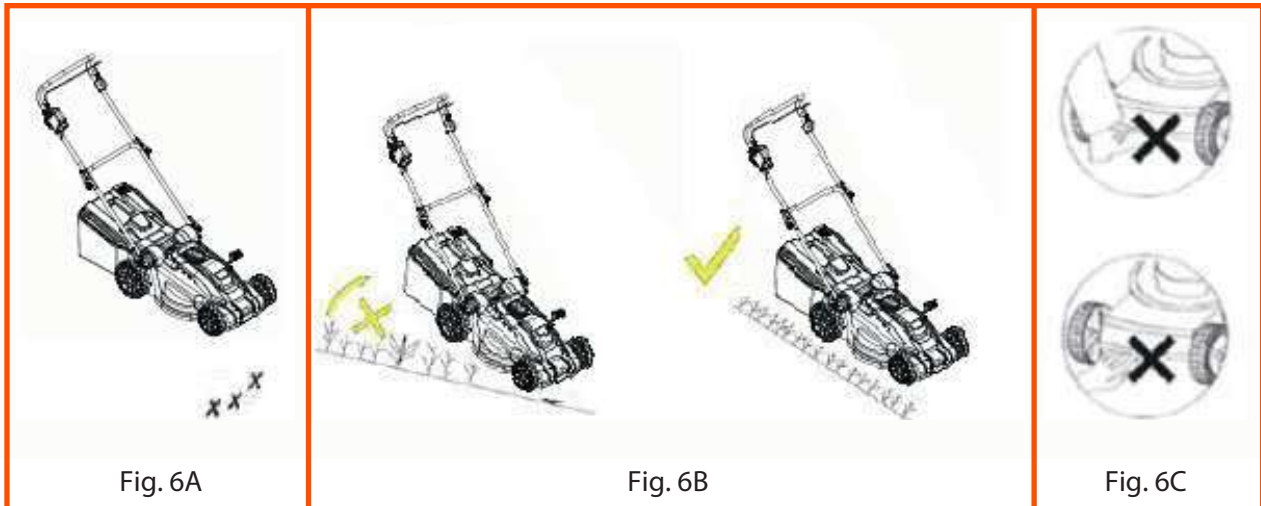
⚠ WARNING: Make this adjustment only when the blade is stopped.

⚠ WARNING: Disconnect the electric cord from the power supply.

6. SAFETY PRECAUTIONS

- a. Always operate with the deflector or grass catcher in the correct position.
 - b. Always stop the motor before removing the grass catcher or adjusting the height of cutting position.
 - 1. Before mowing, remove all foreign objects from the lawn which may be thrown by the machine.
- While mowing, stay alert for any foreign objects which may have been missed. (Fig.6A)

2. Never lift the rear of the mower while starting the motor or during normal operation. (Fig.6B)
3. Never place your hands or feet underneath the underpan or into the rear discharge chute while the motor is running. (Fig.6C)



7. STARTING

9.1 Starting

Start the motor as follows (Fig 7A,)

- a. Insert the battery and key.
- b. Press the safety push-button (1).
- c. And meanwhile, pull the switch handle (2), and keep it in grasp.



If you release the switch handle, the motor will stop.

CAUTION! The blade starts turning as soon as the motor is started.

WARNING! Cutting elements continue to rotate after the motor is switch off.

9.2 For the best results when mowing

Clear lawn of debris. Be sure that the lawn is clear of stones, sticks, wire or other foreign objects which could be accidentally thrown out by the mower in any direction and cause serious personal injury to the operator and others as well as damage to property and surrounding objects. Do not cut wet grass. For effective mowing do not cut wet grass because it tends to stick to the underside of the deck preventing proper mowing of the grass

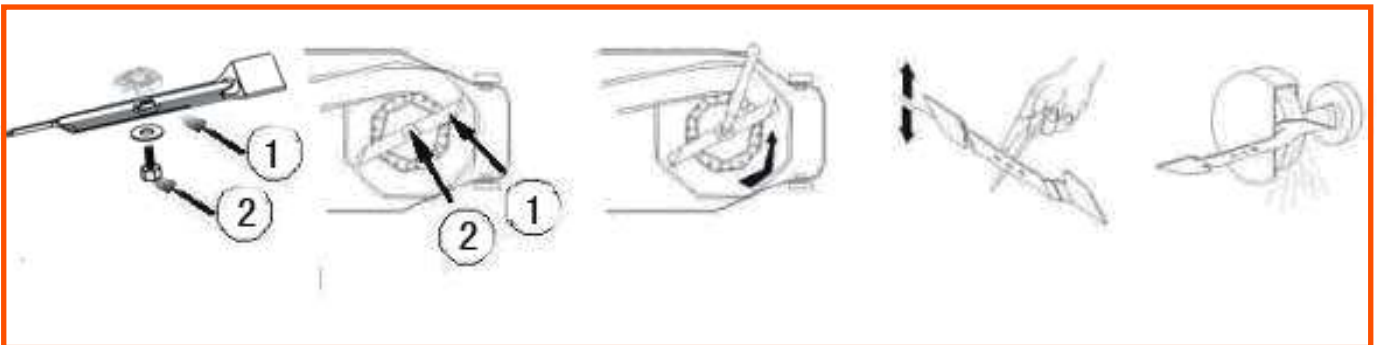
clippings. Cut no more than 1/3 the length of the grass. The recommended cut for mowing is 1/3 the length of the grass. Ground speed will need to be adjusted so the clippings can be dispersed evenly into the lawn. For especially heavy cutting in thick grass it may be necessary to use one of the slowest speeds in order to get a clean well mowed cut. When mowing long grass you may have to cut the lawn in two passes, lowering the blade another 1/3 of the length for the second cut and perhaps cutting in a different pattern than was used the first time. Overlapping the cut a little on each pass will also help to clean up any stray clippings left on the lawn. The mower should always be operated at full throttle to get the best cut and allow it to do the most effective job of mowing. Clean underside of deck. Be certain to clean the underside of the cutting deck after each use to avoid a build-up of grass, which would prevent proper mulching. Mowing leaves. The mowing of leaves can also be beneficial to your lawn. When mowing leaves make sure they are dry and are not laying too thick on the lawn. Do not wait for all the leaves to be off the trees before you mow.

⚠ WARNING! if you strike a foreign object, stop the motor. Pull out the mains plug, thoroughly inspect the mower for any damage and repair the damage before restarting and operating the mower. Extensive vibration of the mower during operation is an indication of damage. The unit should be promptly inspected and repaired.

8. BLADE

The blade is made of pressed steel. It will be necessary to reshape it frequently (with a grind wheel). Ensure that it is always balanced (an unbalanced blade will cause dangerous vibrations). To check for balance, insert a round rod through the central hole and support the blade horizontally. A balance blade will remain horizontal. If the blade is not balanced the heavy end will rotate downwards. Reshape the heavy end until the blade is currently balanced. To remove the blade (1), unscrew the blade screw (2) and replace any parts, which are damaged. When reassembling, make sure that the cutting edges face in the direction of the motor rotation. The blade screw (2) must be torque to 20N.m.

⚠ WARNING! For service, replace the blade



⚠ WARNING! Disconnect the electric cord from the power supply.

⚠ WARNING! Protect hands by using heavy gloves or a rag to grasp the cutting blades when replace the blade. Fig. 8

9. MAINTENANCE AND CARE

⚠ WARNING! Before performing any Maintenance or cleaning work, Always pull out the mains plug!

Do not spray the unit with water. Ingress of water may destroy the Switch-plug combination unit and the electric

motor. Clean the unit with a cloth, hand brush, etc.

Expert inspection is required, do not make any adjustment by yourself, must contact to customer Service centre:

- a. If the lawn mower strikes an object.
- b. If the motor stops suddenly
- c. If the blade is bent (Do not align!)
- d. If the motor shaft is bent (Do not align!)
- e. If a short-circuit occurs when the cable is connected.
- f. If the gears are damaged.
- g. If the V-belt is defective.
- h. Use only manufacturer's recommended replacement parts and accessories.

10. TROUBLESHOOTING

FAULT	REMEDIAL ACTION
Motor does not run	check mains connection cable Start on short grass or on an area which has already been mown. Clean discharge channel/housing –the mowing blade must rotate freely. Correct the cutting height. Check motor carbon brush, if discover finished, please replace
Motor power drops	Correct the cutting height. Clean discharge channel/housing Have mowing blade resharpened /replaced customer Service centre
Grass catcher is not filled	Correct the cutting height Allow the lawn to dry Have mowing blade resharpened /replaced customer Service centre. Clean the grille on the grass catcher Clean the discharge channel /housing

11. ENVIRONMENTALLY FRIENDLY DISPOSAL

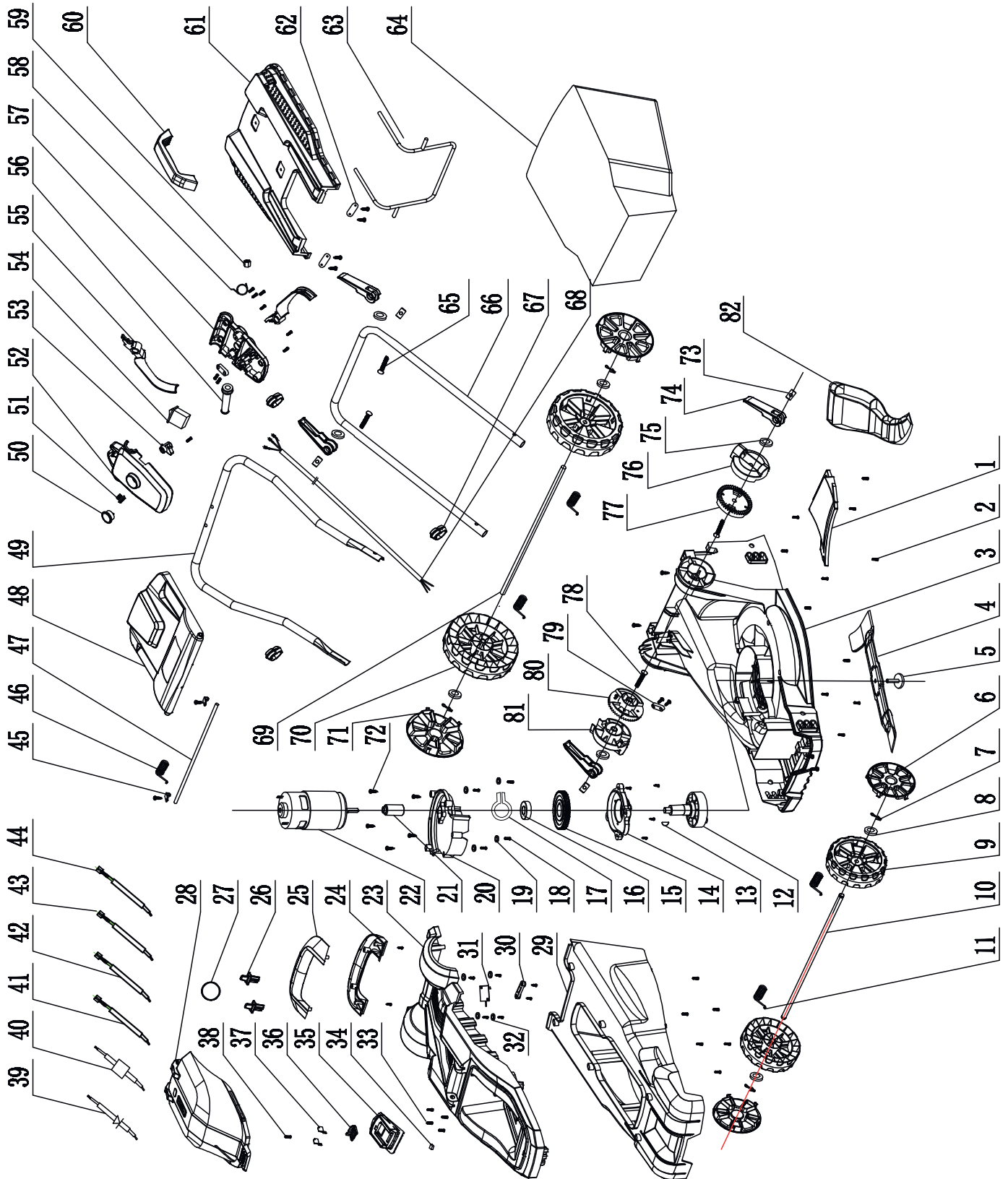
⚠ WARNING! before performing any maintenance or cleaning work, always pull out the mains plug and wait until the cutter has come to a standstill

⚠ CAUTION! Faults which can not be rectified with the aid of this table may be rectified by a specialist company only (customer service centre).



According to EU directive 2012/19/EU on electric and electronic equipment and its implementation into national law, all electric tools must be separately collected and environmentally friendly recycled. Alternative disposal: If the owner of the power tool does not return the tool to the manufacturer, he is responsible for proper disposal at a designated collection point that prepares the device for recycling according to national recycling laws and regulations

12. EXPLODED VIEW



1. Buttom cap
2. Tapping screw
3. Machine body
4. Blade body
5. The bolt
6. Front wheel cap
7. Cotter
8. Wahser
9. Front wheel
10. Front wheel axle
11. Tension spring
12. The blade holder
13. Woodruff key
14. Gearbox cover
15. Big gear
16. Bearing
17. Circlip
18. Mechanism of the screw
19. Wahser
20. Reducer
21. Pinion
22. The motor
23. DC cover
24. Top cover handle-bottom
25. Top cover handle-top
26. The key
27. Key ring
28. DC type transparent cover
29. Casing cover
30. Switch board
31. Single switch
32. Flat gasket
33. Self tapping screw
34. The magnet
35. Bayyert pack socket
36. Insert a
37. Insert
38. Self tapping screw
39. Diode assembly
40. Cement resistance assembly
41. Cable 5
42. Cable 6
43. Cable 1
44. Cable 2
45. L clamp
46. Back cover torsional spring
47. Back cover shaft
48. Rear cover
49. On the handle

50. Switch button
51. Switch button spring
52. Top cover of switch box
53. Swtich button
54. Switch
55. Switch the trigger
56. Cable sheath
57. Switch box cover
58. Switch the trigger spring
59. The end cap
60. The grass box handle
61. The grass basket cover
62. Clamp
63. Cloth rack
64. The cloth bag
65. Square neck bolt
66. Put his hand under
67. Line buckle
68. Cable
69. After the shaft
70. Rear wheel
71. Rear cover
72. Self tapping screw
73. Screw pin
74. Fast lock knob
75. Washer
76. Lower bar fixed block right
77. Lower bar adjustment block right
78. Outer hexagon bolt
79. Line pressing board
80. Lower lever adjustment block left
81. Lower bar fixed block left
82. Buttom cap

INDEX - DALB-20-1 / DALB-20-1 / DALCH-25-1

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Dear Valued Customer,
Thank you for purchasing this DAEWOO Power Tool.
We are dedicated to providing quality Power Tools at competitive prices. Whether you are serious about DIY or just a casual user, our range of power tools are perfect for any job.

1. DESCRIPTION OF SYMBOLS



Charger and Battery Packs. Please pay particular attention to all sections of this User Guide that carry warning symbols and notices.

	Observe caution and safety notes!
	Caution - electric shock! Danger to life!
n_0	No-load speed.
V~	AC Voltage
	Wear hearing protection, dust protection mask, protective glasses and protective gloves when using power tools.
	Keep children away from electrical power tools!
	Protect electrical power tools from moisture!
	Check that the device, mains lead and plug are in good condition!
	Safety Class II
	Dispose of packaging and appliance in an environmentally friendly way!

2. 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.



BATTERY PACK AND CHARGER SAFETY INSTRUCTIONS

If under extreme conditions any electrolyte should escape from the battery, it is essential to avoid contact with skin. If electrolyte does come into contact with your skin, rinse it off with water. In the event of electrolyte contact with your eyes, it is essential to consult a doctor.

- a) Before use of the charger and the battery pack, read the instruction manual for it carefully.
- b) During the charging process, the current used should correspond to the current of the battery charger.
- c) Never let moisture, rain or splashed water reach the charging location.
- d) The ambient temperature must not be less than 0°C nor exceed 40°C when charging. Do not use or store drill or batteries in temperatures in excess of 40°C.
- e) Battery Packs which are defective or damaged, or can no longer be re-charged, must be disposed of as hazardous waste. Hand them over at a special collection point. Never harm our environment. Do not throw unusable battery packs away into the domestic waste, into fire or into water.
- f) If the electrical cable is damaged, it may only be replaced by the supplier or by his repair workshop. Have repairs carried out only by an authorized specialist only.
- g) Use only battery packs which have been produced by the original manufacturer. Use only the charger supplied with your power tool.
- h) Always keep the surface of the charger free from dust and dirt.
- i) Insert the battery pack into the charger following the guidelines provided concerning polarity.
- j) Always remove battery pack before working on the power tool.
- k) When the battery pack is outside the drill, cover the contacts to avoid short circuits (e.g. from tools or metal surfaces)
- l) Do not throw battery packs into water or fire - risk of explosion!
- m) Protect the battery pack from impacts, and don't attempt to open it.
- n) Never discharge the battery pack completely, and recharge occasionally if not used for a prolonged period.

ADDITIONAL SAFETY RULES CONCERNING BATTERY

- To ensure longest battery life and best battery performance, always charge the battery when the air temperature is between 18–24°C. Do not charge the battery pack when the temperature is below 0°C, or above 40°C. This is important. Failure to observe this safety rule could cause serious damage to the battery pack.
- Do not incinerate the battery pack even if it is seriously damaged or can no longer hold a charge. The battery pack can explode in a fire.
- A small leakage of liquid from the battery pack may occur under extreme usage or temperature. This does not necessarily indicate a failure of the battery pack. However, if the outer seal is broken and this leakage comes into contact with your skin:
 - Wash the affected area quickly with soap and water.
 - Neutralise the liquid with a mild acid such as lemon juice or vinegar.



If the leakage gets in your eyes:

Flush your eyes with clean water for a minimum of 10 minutes and seek immediate medical attention. Inform the medical staff that the liquid is a 25-35% solution of potassium hydroxide.

- Never attempt to open the battery pack for any reason. If the plastic housing of the battery pack breaks open or cracks, immediately discontinue its use and do not recharge it.
- Do not store or carry a spare battery pack in a pocket or toolbox or any other place where it may come into contact with metal objects. The battery pack may be short circuited causing damage to the battery pack, burns or a fire. If storing or disposing the battery pack, cover the terminals with a heavy insulation tape to ensure short circuit cannot occur. Batteries, when stored for a long period of time, will discharge.
- Do not store or use the tool and battery pack in locations where the temperature may reach or exceed 40°C such as alongside sheds or metal structures in the summer.
- Allow the battery pack to cool down after charging. Do not place it in a hot environment such as a metal shed or open trailer left in the sun.
- Only charge the battery with the charger supplied.
- When transporting individual batteries, make sure that the battery terminals are protected and well insulated from materials that could contact them and cause a short circuit.
- The battery is to be disposed of safely.

ADDITIONAL SAFETY RULES CONCERNING CHARGER

- Before using the charger, read all the instructions and cautionary markings on the charger and battery pack as well as the instructions on using the battery pack.
- Only charge your batteries indoors as the charger is designed for indoor use only.

 **DANGER:** If the battery pack is cracked or damaged in any other way, do not insert it in the charger. There is a danger of electric shock or electrocution.

 **WARNING:** Do not allow any liquid to come into contact with the charger. There is a danger of electric shock.

- The charger is not intended for any use other than charging the exact type of rechargeable battery pack as supplied with the charger. Any other use may result in the risk of fire, electric shock or electrocution.
- The charger and battery pack supplied with it are specifically designed to work together. Do not attempt to charge the battery pack with any other charger than the one supplied.
- Do not place any object on top of the charger as it could cause overheating. Do not place the charger near any heat source.
- Pull on the charger to disconnect it from the power source. Do not pull on the lead.
- Make sure that the charger cable is positioned where 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. The use of an improper extension cord could cause the risk of fire, electric shock or electrocution.
- Do not use the charger if it has been subjected to a heavy knock, dropped or otherwise damaged in any way. Take the charger to an authorised service centre for a check or repair.
- Do not disassemble the charger. Take it to an authorised service centre when service or repair is required. Incorrect re-assembly may result in the risk of fire, electric shock or electrocution.
- To reduce the risk of an electric shock, unplug the charger from the power supply before attempting to clean it. Removing the battery alone does not reduce the risk.
- The charger is designed for use with standard household electrical supply. Do not attempt to connect the charger to a supply with a different voltage.
- The charger is not intended for use by persons (including children) with reduced physical, sensory

or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the charger by a person responsible for their safety.

- Children should be supervised to ensure that they do not play with the charger.
- Do not charge non-rechargeable batteries.

3. BATTERY AND CHARGER OPERATING INSTRUCTIONS

This charger, DALCH-25-1, and the battery packs DALB-20-1 and DALB-40-1, are for use only with the range of DAEWOO Cordless Power Tool Skins. Do not attempt to use the batteries with other brands of tools, or to charge the batteries with other types of battery chargers.

- The batteries are supplied in a partially charged condition and must be fully charged before use. The battery will reach full capacity only after being charged and discharged several times.
- Avoid short periods of charging. Only charge battery pack when it is almost fully discharged.
- Adaptor, charger and battery pack may be warm when charging. This is normal.

Charging:

Ensure the charger is unplugged when inserting and removing battery packs.

- Slide the Battery Pack onto the Charger. The Battery Pack will only fit into the Charger in the correct orientation.
- Plug in the Charger to the mains socket outlet.
- The red LED will light up. While the red LED is alight, the Battery Pack is being charged. Normally, it will take approximately 1 hour to fully charge a Battery Pack.
- When the red LED turns off, and only a green LED is seen, the Battery Pack is fully charged.
- Unplug the Charger from the mains, and slide the Battery Pack off the Charger.
- Unplug the Charger when not in use.



4. MAINTENANCE AND CLEANING

Attention! Always remove the battery before carrying out any work on the tool.

To clean the Battery Pack or Charger, use a dry or moist, but not wet, towel. Many cleaning agents contain chemical substances which may cause damage to the plastic parts of the tool. Do not use any strong or flammable cleaners such as petrol, paint thinner, turpentine or similar cleaning agents. Avoid letting water into the interior of battery or charger. Always keep air ventilation holes free of dust deposits to prevent overheating. Wear a dust mask and use a soft brush to clean the ventilation holes. Servicing this tool must be done by a qualified person only. Service or maintenance performed by unqualified personnel could result in a risk of injury.

If the tool does not work properly, return the tool to a service facility for repair.

If the electrical cable is damaged, it may only be replaced by the supplier or by his repair workshop.

5. TECHNICAL DATA

Product	2.0Ah Battery pack	4.0Ah Battery pack	Charger
Model Number	DALB-20-1	DALB-40-1	DALCH-25-1
Technical Data	18Vdc Li-Ion 2000mAh	18Vdc Li-Ion 4000mAh	Input: 220-240V 50Hz 400mA Output: 21V 2.5A



This symbol indicates that the batteries supplied with this product must not be treated as general household waste. To remove them safely, you must bring them to your retailer or discard of them in special containers provided for the community. At the end of the device's life, remember to remove the batteries.

EC DECLARATION OF CONFORMITY

Lithium Lawnmower

Model: DALLM18-320-1

Brand: **DAEWOO**

We GBR Corp. LTD, Room 1002, 10/F., David House, 8-20 Nanking Street, Jordan, Kowloon, Hong Kong, China, declare under our sole responsibility that this product is in conformity and accordance with the following standards and regulations.

The undersigned is responsible for the compilation of technical documentation.

Satisfies the requirement of the Council Directives:

Machinery Directive 2006/42/EC

Electromagnetic Compatibility Directive EMC 2014/30/EU

Noise Directive 2000/14/EC + 2005/88/EC (Measured sound power level: 90.4 dB (A),

Guaranteed sound power level: 93 dB (A)

and conforms to the norms:

EN 60335-1:2012/A2:2019

EN 60335-2-77:2010

EN 55014-1:2017

EN 55014-2:2015

Signature and Stamp on undersigned responsible.

Date: July, 2021

A handwritten signature in blue ink is written over a circular blue stamp. The stamp contains the text "GBR" at the top and "1002, 10/F., DAVID HOUSE" around the bottom edge.

WARRANTY CARD

Product model	Date of sale
Serial number	Company
Username	Client's signature

The product is in good conditions and fully complete. Read and agree the terms of the warranty.

GUARANTEE

The warranty period starts from the date of sale of the products and covers 2 years for all power products.

During the warranty period, free failures caused due to the use of poor-quality materials in the production and manufacturer workmanship admitted fault are removed. The guarantee comes into force only when warranty card and cutting coupons are properly filled. The product is accepted for repair in its pure form and full completeness.

WARRANTY DOES NOT COVER

- Mechanical damage (cracks, chips, etc.) and damage caused by exposure to aggressive media, foreign objects inside the unit and air vents, as well as for damage occurred as a result of improper storage (corrosion of metal parts);
- Failures caused by overloading or product misuse, use of the product for other purposes. A sure sign of overload products is melting or discoloration of parts due to the high temperature, simultaneous failure of two or more nodes, teaser on the surfaces of the cylinder and the piston or destruction of piston rings. Also, the warranty does not cover failure of the automatic voltage regulator due to incorrect operation;
- Failure caused by clogging of the fuel and cooling systems;
- Wearing parts (carbon brushes, belts, rubber seals, oil seals, shock absorbers, springs, clutches, spark plugs, mufflers, nozzles, pulleys, guide rollers, cables, recoil
- etc.);
- Electrical cables with mechanical and thermal damage;
- Product opened or repaired by a non-authorized service center.
- Prevention, care products (cleaning, washing, lubrication, etc.), installation and configuration of the product;
- Natural wear products (production share);
- Failures caused by using the product for the needs related to business activities;
- If the warranty card is empty or missing seal (stamp) of the Seller;
- The absence of the holder's signature on the warranty card.

starter, chucks, collets, removable batteries, filters and safety elements, grease, removable devices, equipment, knives, drills,



DAEWOO

Product _____
 Model _____
 Company _____
 Date of sale _____



DAEWOO

Product _____
 Model _____
 Company _____
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DAEWOO

Product _____
 Model _____
 Company _____
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EC DECLARATION OF CONFORMITY

Lithium Battery
Model: DALB-20-1
Brand:

We GBR Corp. LTD, Room 1002, 10/F., David House, 8-20 Nanking Street, Jordan, Kowloon, Hong Kong, China, declare under our sole responsibility that this product is in conformity and accordance with the following standards and regulations.

The undersigned is responsible for the compilation of technical documentation.

With this declaration of compliance we certify that articles: Lithium Battery are complying the rules of Low Voltage Directive 2014/35/EU and the following harmonized standard have been complied with EN 62841-1:2015.

Lithium Battery,
Model Number: DALB-20-1, Brand DAEWOO
Voltage: 18 V
Battery capacity: 2.0 Ah

Net Weight of Unit	Gross Weight of Unit	Retail Width mm	Retail Length mm	Retail Height mm
0.26kg	0.3kg	80mm	120 mm	55 mm

The DAEWOO Products authorized representative declares that these products described under "technical data" are in compliance with:
Low Voltage Directive 2014/35/EU, with EN 62841-1:2015.

Signature and Stamp on undersigned responsible.

Date: April, 2021



EC DECLARATION OF CONFORMITY

Lithium Battery
Model: DALB-40-1
Brand: **DAEWOO**

We GBR Corp. LTD, Room 1002, 10/F., David House, 8-20 Nanking Street, Jordan, Kowloon, Hong Kong, China, declare under our sole responsibility that this product is in conformity and accordance with the following standards and regulations.

The undersigned is responsible for the compilation of technical documentation.

With this declaration of compliance we certify that articles: Lithium Battery are complying the rules of Low Voltage Directive 2014/35/EU and the following harmonized standard have been complied with EN 62841-1:2015.

Lithium Battery,
Model Number: DALB-40-1, Brand DAEWOO
Voltage: 18 V
Battery capacity: 4.0 Ah

Net Weight of Unit	Gross Weight of Unit	Retail Width mm	Retail Length mm	Retail Height mm
0.38kg	0.4kg	80mm	120 mm	75 mm

The DAEWOO Products authorized representative declares that these products described under "technical data" are in compliance with:
Low Voltage Directive 2014/35/EU, with EN 62841-1:2015.

Signature and Stamp on undersigned responsible.

Date: April, 2021



EC DECLARATION OF CONFORMITY

Lithium Battery Charger
Model: DALCH-25-1
Brand:

We GBR Corp. LTD, Room 1002, 10/F., David House, 8-20 Nanking Street, Jordan, Kowloon, Hong Kong, China, declare under our sole responsibility that this product is in conformity and accordance with the following standards and regulations.

The undersigned is responsible for the compilation of technical documentation.

With this declaration of compliance we certify that articles: Lithium Battery Charger are complying the rules of Low Voltage Directive 2014/35/EU and the following harmonized standard have been complied with EN 60335-1:2012+A11, EN 60335-2-29:2004+A2, EN 62233:2008.

Lithium Battery Charger,
Model Number: DALCH-25-1, Brand DAEWOO
Input: 220-240 V~; 50 Hz; 0.4 A.
Output: 21 V d.c.; 2.5 A.

Net Weight of Unit	Gross Weight of Unit	Retail Width mm	Retail Length mm	Retail Height mm
0.32 kg	0.35 kg	150mm	175 mm	180 mm

The DAEWOO Products authorized representative declares that these products described under "technical data" are in compliance with:
Low Voltage Directive 2014/35/EU and the following harmonized standard have been complied with EN 60335-1:2012+A11, EN 60335-2-29:2004+A2, EN 62233:2008.

Signature and Stamp on undersigned responsible.

Date: April, 2021



WARRANTY CARD

Product model	Date of sale
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The product is in good conditions and fully complete. Read and agree the terms of the warranty.

GUARANTEE

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- Failure caused by clogging of the fuel and cooling systems;
- Wearing parts (carbon brushes, belts, rubber seals, oil seals, shock absorbers, springs, clutches, spark plugs, mufflers, nozzles, pulleys, guide rollers, cables, recoil
- etc.);
- Electrical cables with mechanical and thermal damage;
- Product opened or repaired by a non-authorized service center.
- Prevention, care products (cleaning, washing, lubrication, etc.), installation and configuration of the product;
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starter, chucks, collets, removable batteries, filters and safety elements, grease, removable devices, equipment, knives, drills,



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POWER PRODUCTS

www.daewoopowerproducts.com

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