

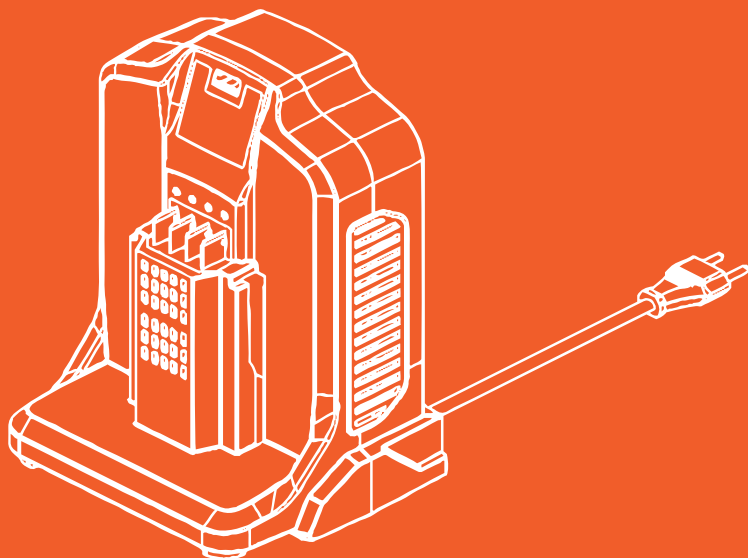


DAEWOO

POWER PRODUCTS

DALCH62-4A

**Lithium battery charger /
Chargeur de batterie au lithium**



USER'S MANUAL / MANUEL DE L'UTILISATEUR

www.daewoopowerproducts.com

Manufactured under license of **Daewoo International Corporation**, Korea
Fabriqué sous licence de **Daewoo International Corporation**, Corée

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WARRANTY

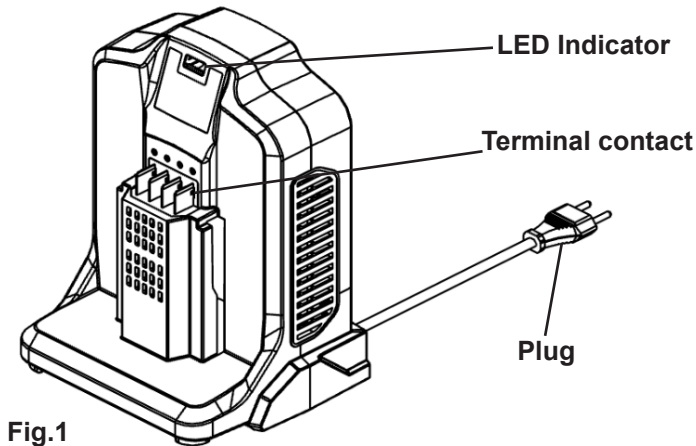
FR

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GARANTIE

EC

1. GENERAL IDENTIFICATION



2. TECHNICAL DATA

BATTERY CHARGER

Model number: GMA135

Input: 220-240VAC,50Hz,2A

Output: 62V d.c.,4A

Allowable charging temperature range: 4-40 °C

Protection class: II

Protection degree: IPX0

Weight: 1.5KG

Applicative battery pack

Battery type: Li-Ion

Cell quantity: 15pcs or 30 pcs

BATTERY CAPACITY**GMA533:** 2.5Ah/135Wh**GMA534:** 4Ah/216Wh**GMA531:** 8.0Ah/432Wh**GMA532:** 12.0Ah/648Wh**3 SYMBOLS MARKED ON THE PRODUCT****WARNING**

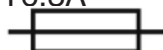
To reduce the risk of injuries, read the instruction manual.



Only for use in dry rooms.



Protection class II

T6.3A

6.3A time-lag fuse link



Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.

4. GENERAL SAFETY RULES

WARNING: Read all warnings and instructions.

Failure to follow the warnings and instructions can cause

electric shock, fire and / or serious injury.

Save all warnings and instructions for future reference.

a) The charger must not be used for non-rechargeable, ordinary batteries.

b) Adequate ventilation is required.

c) The information on current and voltage on the battery pack must comply with those of the charger.

d) Do not expose the charger to water splashes and rain.

e) Do not throw exhausted or damaged batteries into water or fire. Environmental guidelines must be followed.

f) A defective or not chargeable battery must be treated as special waste / hazardous waste. Put it in a special collection point. Do not throw it in the normal household waste neither into water or fire.

g) Place the charger far from any heat source.

h) To reduce the risk of electric shock, pull the plug instead of the power cord out from the socket, if you want to disconnect the charger from the mains.

i) Do not disassemble the charger. Bring it to an authorized repair service, if service or repair is required. Improper installation can result in electrical shock, death and fire.

j) This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance.

k) Cleaning and user maintenance shall not be made by children.

l) Do not leave the equipment unattended while it is operating, to avoid the risk of fire, burns and electric shocks.

m) If the power cord is damaged, it must be replaced by the manufacturer or its customer service or a similarly qualified person in order to avoid hazards.

5. CHARGING OF LI-BATTERY-PACK

Check whether the rated voltage complies with the one given on the rating label!

Connect the charger plug to the power supply. The red LED is on. Then insert the battery (1) into the charger (2).

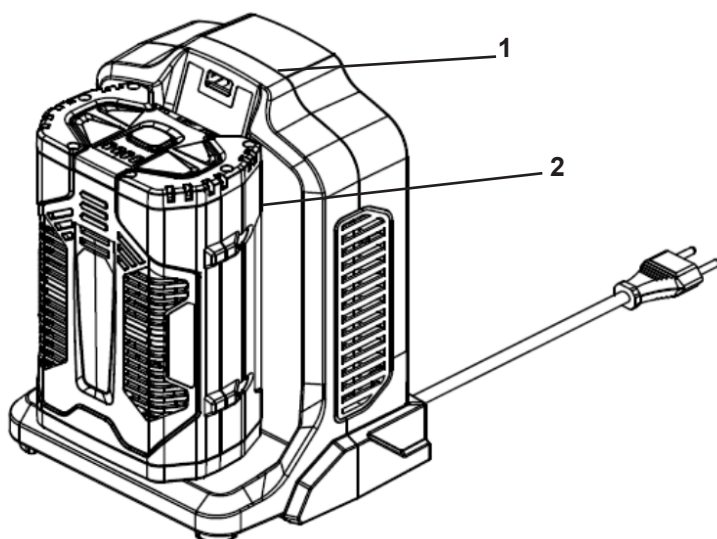


Fig.2

Please refer to the following table for the meaning of LED display.

Charger status: LED indicator status

Charge no load: Indicator shows Red

Normal charge: Indicator shows Green Scintillation (1Hz)

Chargers filled: Indicator shows Green

Abnormal temperature: $T > 45^{\circ}\text{C}$ or $T < 0^{\circ}\text{C}$:

Indicator shows Red Scintillation (1Hz)

Other abnormal situation:

Indicator shows Red and green Scintillation alternately (2Hz)

NOTE: HZ means scintillation times every second.

If the battery cannot be charged any more, please check:

- Whether the supply voltage is available at the socket
- Whether there is a perfect contact between the charger and battery.

If the battery still cannot be charged, please send the charger to our customer service

To ensure a long battery life, you should charge the battery timely.

This is necessary in any case, whenever you find that the power of the equipment is low

6. CLEANING AND MAINTENANCE

Unplug before any cleaning work. The equipment must not be stored in a wet environment or in areas with corrosive gases, but in a dry place which is out of the reach of children.

6.1 CLEANING

Keep the surface of the equipment clean and wipe it clean with a dry cloth

6.2 MAINTENANCE

Inside the equipment, there is no more part to be maintained.

The equipment must not be disassembled. If the unit is damaged, contact the supplier or manufacturer

7. DISPOSAL AND RECYCLING

The equipment is supplied in packaging to prevent damage in transport. This packaging is made of raw materials and is reusable or can be recycled in the raw material cycle.

The equipment and its accessories are made of different materials, such as metal and plastics. Bring the defective components

to special waste disposal site. Ask your dealer or your local government!

The charger has a keyhole for hanging comfortable place for saving storage.

Put the charger on the floor or another flat surface when you use it, **WARNING:** Use the hook to the back to avoid the damage from the housing.

WARNING: Never use the charger when it is hung.



Only for EU countries!

Do not throw electric power tools into the household waste!

In accordance with European Directive 2012/19/EU on waste electrical and electronic equipment and its implementation into national law, used electrical tools must be collected separately and recycled in an environmentally friendly way.

Recycling alternative to request of return:

The owner of electric power tools is obliged to return (the waste) instead as participation in the proper recycling in case of the abandonment of ownership. The waste equipment can therefore be given to the collection point, which will carry out the disposal within the meaning of the national recycling industry law and waste act. The accessories and additives without any electronic components, which attached to the waste equipment, are not concerned.

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, e tc.) 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 f o r other purposes. A sure sign of overload products is melting or discoloration of parts due to the high temperature, s imultaneous failure o f two o r m ore nodes, teaser o n the surfaces o f the cylinder and the piston or destruction of piston rings. A lso, t he warranty does not cover f ailure o f the automatic voltage r egulator due t o incorrect operation;
- Failure caused b y clogging o f the fuel and cooling systems;
- Wearing parts (carbon brushes, belts, rubber seals, oil seals, shock absorbers, springs, c lutches, spark plugs, mufflers, nozzles, pulleys, guide rollers, cables, recoil

- starter, chucks, collets, removable batteries, filters and safety elements, g rease, r emovable devices, equipment, knives, drills, 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.



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