



DAEWOO
POWER PRODUCT

**DALB62-25 / DALB62-40 / DALB62-80 /
DALB62-120**
Rechargeable Li-ion Battery /

USER'S MANUAL

www.daewoopowerproducts.com

Manufactured under license of Daewoo International Corporation, Korea

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WARRANTY

EC-DECLARATION OF CONFORMITY

1. SYMBOLS



Safety alert



Volts



Recycle



Please read the instructions carefully before starting the machine.



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.



Do not expose to rain or damp conditions.



CE Marking

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

2. SAFETY INSTRUCTIONS



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.

- Battery tools do not have to be plugged into an electrical outlet. Therefore, they are always in operating condition. Be aware of possible hazards when not using your battery tool or when changing accessories. Following this rule will reduce the risk of electric shock, fire, or serious personal injury.

- Do not place battery tools or their batteries near fire or heat. This will reduce the risk of explosion, possibly injury.

- Do not crush, drop or damage the battery pack. Do not use a battery pack or charger that has been dropped or received a sharp blow. A damaged battery is subject to explosion. Properly dispose of a dropped or damaged battery immediately.

- Batteries can explode in the presence of a source of ignition, such as a pilot light. To reduce the risk of serious personal injury, never use any cordless product in the presence of an open flame. An exploded battery can propel debris and chemicals. If exposed, flush with water immediately.

- Do not charge battery tool in a damp or wet location. Following this rule will reduce the risk of electric shock.

- For best results, your battery tool should be charged in a location where the temperature is more than 0°C but less than 45°C. To reduce the risk of serious personal injury, do not store outside or in vehicles.

- Under extreme usage or temperature conditions, battery leakage may occur. If liquid comes in contact with your skin, wash immediately with soap and water, then neutralize with lemon juice or vinegar. If liquid gets into your eyes, flush them with clean water for at least 10 minutes. Then seek immediate medical attention. Following this rule will reduce the risk of serious personal injury.

- Save these instructions. Refer to them frequently and use them to instruct others who may use this tool. If you loan someone this tool, loan them these instructions also to prevent misuse of the product and pos-

sible injury.

3. BATTERY TOOL USE AND CARE

- 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.
- Use battery tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
- 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.
- 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.

4. SPECIFICATIONS

Battery pack: DALB62-25
Voltage: 62 V D. C.
Battery capacity: 2.5 Ah / 135 Wh
Weight: 1.35 kg
Compatible charger: DALCH62-4A
Charger input: 220 V-240 V, 50 Hz, 2 A
Output: 62 V D.C., 4 A

Battery pack: DALB62-40
Voltage: 62 V D. .
Battery capacity: 4.0 Ah / 216 Wh
Weight: 1.7 kg
Compatible charger: DALCH62-4A
Charger input: 220 V-240 V, 50 Hz, 2 A
Output: 62 V D.C., 4 A

Battery pack: DALB62-80
Voltage: 62 V D.C.
Battery capacity: 8.0 Ah / 432 Wh
Weight: 3.02 kg
Compatible charger: DALCH62-4A
Charger input: 220 V-240 V, 50 Hz, 2 A
Output: 62 V D.C., 4 A

Battery pack: DALB62-120
Voltage: 62 V D.C.
Battery capacity: 12.0 Ah / 648 Wh
Weight: 4.25 kg
Compatible charger: DALCH62-4A
Charger input: 220 V-240 V, 50 Hz, 2 A
Output: 62 V D.C., 4 A

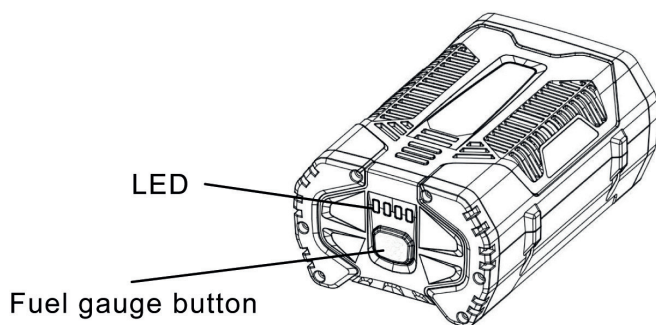
5. OPERATION

5.1 FUEL GAUGE

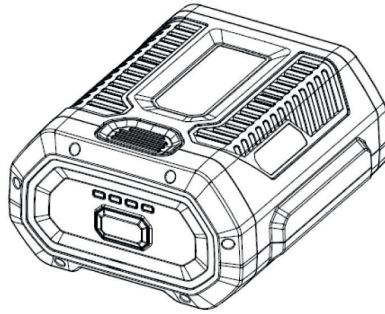
To display the amount of charge left in the battery, press the fuel gauge button.

- If four LEDs glow green, the battery pack is fully charged. The battery pack capacity is between 75%~100%.
- If three LEDs glow green and one is off, the battery pack capacity is between 50%~75%.
- If two LEDs glow green and two are off, the battery pack capacity is between 25%~50%.
- If only one LED glows green and others are off, the battery pack capacity is lower than 25%. In this case, the battery pack can be used as usual until automatically turned off by the control program.
- If only one LED glows green, but battery pack can not release power, the battery pack needs to be charged.

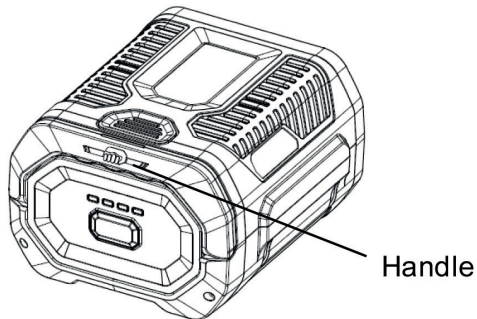
NOTE: DYMA532 equips with a handle for easy transporting.



GMA534&GMA533



GMA531



GMA532

5.2 BATTERY PROTECTION FEATURES

DAYE 62V LITHIUM-ION batteries are designed with features that protect the LITHIUM-ION cells and maximize battery life. If the tool stops during use, the following may be the causes:

- a. The maximum current draw of the battery has been exceeded, causing it to automatically stop powering the tool. Release the trigger to reset the tool and pull the trigger to resume operation.
- b. Excessive temperatures will cause the battery to stop powering the

tool. Feel the battery pack, if it is too warm, allow it to cool down.

If the tool still does not work, recharge the battery.

NOTE: While the tool is working, the battery pack indicator LEDs are off, if you press the fuel gauge LED, the LED will show for five seconds.

5.3 CHARGING THE BATTERY PACK

Battery packs are shipped in a low charge condition to prevent possible problems. Therefore, you should charge them until the green LED on the front of the charger comes on.

If the charger does not charge the battery pack under normal circumstance, return both the battery pack and charger to your nearest Authorized Service Center for electrical check.

5.4 TO CHARGE

- Use battery pack only with the recommended charger.
- Connect the charger to the power supply. Make sure the power supply is normal household voltage, 220-240volts, AC only, 50Hz.
- Slide the battery pack along the groove of the charger.
- Press down the battery pack to ensure contacts on the battery pack engage properly with contacts in the charger.
- Make sure the latch of the battery pack snap into place and the battery pack is secured in the charger before beginning operation.
- Do not place the charger and battery pack in an area of extreme heat or cold. They will work best at normal room temperature.

NOTE: The charger and battery pack should be placed in a location where the temperature is more than 0°C but less than 45°C.

- The battery pack will become slightly warm to the touch while charging. This is normal and does not indicate a problem.
- After charging is complete, the charge green LED will remain on until either the battery pack has been removed from the charger or the charger has been removed from the power supply.
- When batteries become fully charged, unplug the charger from the power supply and remove the battery pack.

5.5 CHARGING A HOT BATTERY PACK

If the battery pack is above normal temperature range, the red LED of

charger will begin flashing 1 Hz. When the battery pack cools down to approximately 40°C, the charger will automatically begin normal charge.

5.6 CHARGING A COOL BATTERY PACK

If the battery pack is below normal temperature range, the red LED of charger will begin flashing 1 Hz. When the battery warms to a temperature of more than 5°C, the charger will automatically begin normal charge.

5.7 COLD WEATHER OPERATION

The LITHIUM-ION battery pack can be used in temperatures down to -20°C. Put the battery pack on a tool and use the tool in a light duty application. After about a minute, the pack will have warmed up and begin operating normally.

5.8 BATTERIES

These batteries have been designed to provide maximum trouble-free life. However, like all batteries, they will eventually wear out. Do not disassemble battery pack and attempt to replace the batteries. Handling of these batteries, especially when wearing rings and jewelry, could result in a serious burn.

To obtain the longest possible battery life, we suggest the following:

- Remove the battery pack from the charger once it is fully charged and ready for use. For battery pack storage longer than 30 days:
- Store the battery pack where the temperature is between 10°C and 30°C and away from moisture.
- Store battery packs in a 30%-50% charged condition.
- Every six months of storage, charge the pack as normal.

5.9 BATTERY PACK REMOVE AND PREPARATION FOR RECYCLING

To preserve natural resources, please recycle or dispose of batteries properly.

This product contains LITHIUM-ION BATTERIES. Local, state or federal laws may prohibit disposal of LITHIUM-ION batteries in ordinary trash. Consult your local waste authority for information regarding available recycling and/or disposal options.

**WARNING:**

Upon removal, cover the battery pack's terminals with heavy-duty adhesive tape. Do not attempt to destroy or disassemble battery pack or remove any of its components. LITHIUM-ION batteries must be recycled or disposed of properly. Also, never touch both terminals with metal objects and/or body parts as short circuit may result. Keep away from children. Failure to comply with these warnings could result in fire and/or serious injury.

6. ENVIRONMENTAL PROTECTION

Recycle raw materials instead of disposing of as waste. The machine, accessories and packaging should be sorted for environmental-friendly recycling.

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 for o ther 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. A lso, the warranty does not cover failure of the automatic voltage r egulator due to incorrect operation;
- Failure caused b y clogging o f the fuel and cooling systems;
- Wearing parts (carbon b rushes, 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.



DAEWOO	DAEWOO	DAEWOO
Product _____	Product _____	Product _____
Model _____	Model _____	Model _____
Company _____	Company _____	Company _____
Date of sale _____	Date of sale _____	Date of sale _____



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