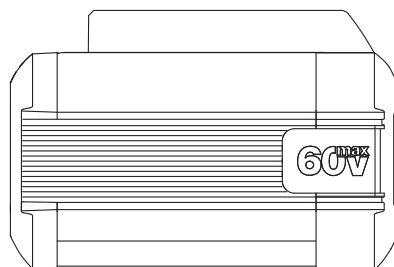
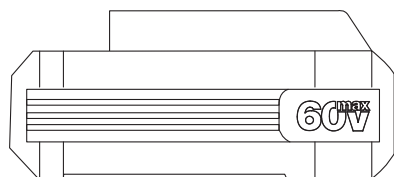


Kress



SAFETY AND OPERATING MANUAL

60V Battery Pack

**KA3000 KA3001
KA3002**

SAFETY WARNINGS FOR BATTERY PACK

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.

Use battery pack for Kress cordless products only. Refer to the marking label and instruction manual provided with product.

- a) Do not dismantle, open or shred cells or battery pack.
- b) Do not short-circuit a battery pack. Do not store battery packs haphazardly in a box or drawer where they may short-circuit each other or be short-circuited by conductive materials. 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.
- c) Do not expose battery pack to heat or fire. Avoid storage in direct sunlight.
- d) Do not subject battery pack to mechanical shock.
- e) In the event of battery leaking, do not allow the liquid to come into contact with the skin or eyes. If contact has been made, wash the affected area with copious amounts of water and seek medical advice.
- f) Seek medical advice immediately if a cell or battery pack has been swallowed.
- g) Keep battery pack clean and dry.
- h) Wipe the battery pack terminals with a clean dry cloth if they become dirty.
- i) Battery pack needs to be charged before use. Always refer to this instruction and use the correct charging procedure.
- j) Do not maintain battery pack on charge when not in use.
- k) After extended periods of storage, it may be necessary to charge and discharge the battery pack several times to obtain maximum performance.
- l) Recharge only with the charger specified by Kress. Do not use any charger other than that specifically provided for use with the equipment.
- m) Do not use any battery pack which is not designed for use with the equipment.
- n) Keep battery pack out of the reach of children.
- o) Retain the original product literature for future reference.
- p) Remove the battery from the equipment when not in use.
- q) Dispose of properly.
- r) Do not mix cells of different manufacture,

- capacity, size or type within a device.
- s) Do not remove battery pack from its original packaging until required for use.
- t) Observe the plus (+) and minus (-) marks on the battery and ensure correct use.

SYMBOLS

 Li-Ion 	Li-Ion battery This product has been marked with a symbol relating to 'separate collection' for all battery packs and battery pack. It will then be recycled or dismantled in order to reduce the impact on the environment. Battery packs can be hazardous for the environment and for human health since they contain hazardous substances.
	Do not burn
	Batteries may enter water cycle if disposed improperly, which can be hazardous for ecosystem. Do not dispose of waste batteries as unsorted municipal waste.

TECHNICAL DATA

	KA3000	KA3001	KA3002
Rated voltage	60 V ⁻⁻⁻ Max*		
Battery capacity	2.0 Ah	2.5 Ah	4.0 Ah
Recommended Ambient Temperature for Charging	5~40 °C		
Optimum Storage Temperature in Use	10~26 °C		
Battery weight	1.55kg	1.55kg	2.75kg

* Voltage measured without workload. Initial battery voltage reaches maximum of 60 volts. Nominal voltage is 54 volts.

OPERATION INSTRUCTIONS

Recommendations for optimal handling of the battery







Note:

1. Your battery pack is partly charged and needs to be fully charged before first use. To ensure full capacity

of the battery, completely charge the battery in the charger before using your battery in the power tool for the first time.

Equipped with the BMS system and Dual Protection Design, the battery pack will be prevented from deep discharging, overcharging, overheating and overloading. When the battery is very low on charge, the machine is switched off by means of a protective circuit: The tool no longer rotates. In a warm environment or after heavy use, internal fan in charger will rapidly cool the battery. Thanks to this function, the battery pack will be fully charged in a rapid way, saving a lot of time to a large extent. The Li-Ion battery can be charged at any time without reducing its service life. Interrupting the charging procedure does not damage the battery.

The battery level can be known from the battery indicator light by pressing the button beside the lights. Before starting or after use, press the button beside the power indicator light on the battery pack to check the battery capacity.

Remarks	LED-light	Battery condition
Five green lights are illuminated.		$70\% \leq \text{Power level}$
Four green lights are illuminated.		$50\% \leq \text{Power level} < 70\%$
Three green lights are illuminated.		$35\% \leq \text{Power level} < 50\%$
Two green lights are illuminated.		$20\% \leq \text{Power level} < 35\%$
One green light are illuminated.		$20\% \leq \text{Power level} < 10\%$
No light is illuminated.		$\text{Power level} < 10\%$

HOW TO CHARGE THE BATTERY

Refer to the instruction manual for charger.

STORAGE

Store the battery only within a temperature range between 0°C and 45°C. As an example, do not leave the battery in the car in summer time.

When kept out of the charger or left in an unplugged charger for a long time, the battery still reaches a relatively high level

A significantly reduced working period after charging indicates that the battery is used and must be replaced.

TRANSPORT

The contained Li-Ion batteries are subject to the dangerous goods legislation requirements. The user can transport the batteries by road without additional requirements.

Dispatch batteries only when the battery housing is undamaged. Pack up the batteries in such a manner that cannot move around in the packaging.

MAINTENANCE AND SERVICE

Occasionally clean the venting slots of the battery using a soft, clean and dry brush.

When the battery is no longer operative, please refer to an authorized after-sales service agent for Kress power tools.

ENVIRONMENTAL PROTECTION



Waste electrical products must not be disposed of with household waste. Please recycle where facilities exist. Check with your local authorities or retailer for recycling advice.

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