



Ramset™

CUAR18
18V Powered Applicator
Operator's Manual

A18
Lithium Ion



Designed to suit Ramset Chemset™ injection system

TO REDUCE THE RISK OF INJURY, USER MUST READ OPERATOR'S MANUAL.

Important!

It is essential that you read the instructions in this manual before operating this machine.

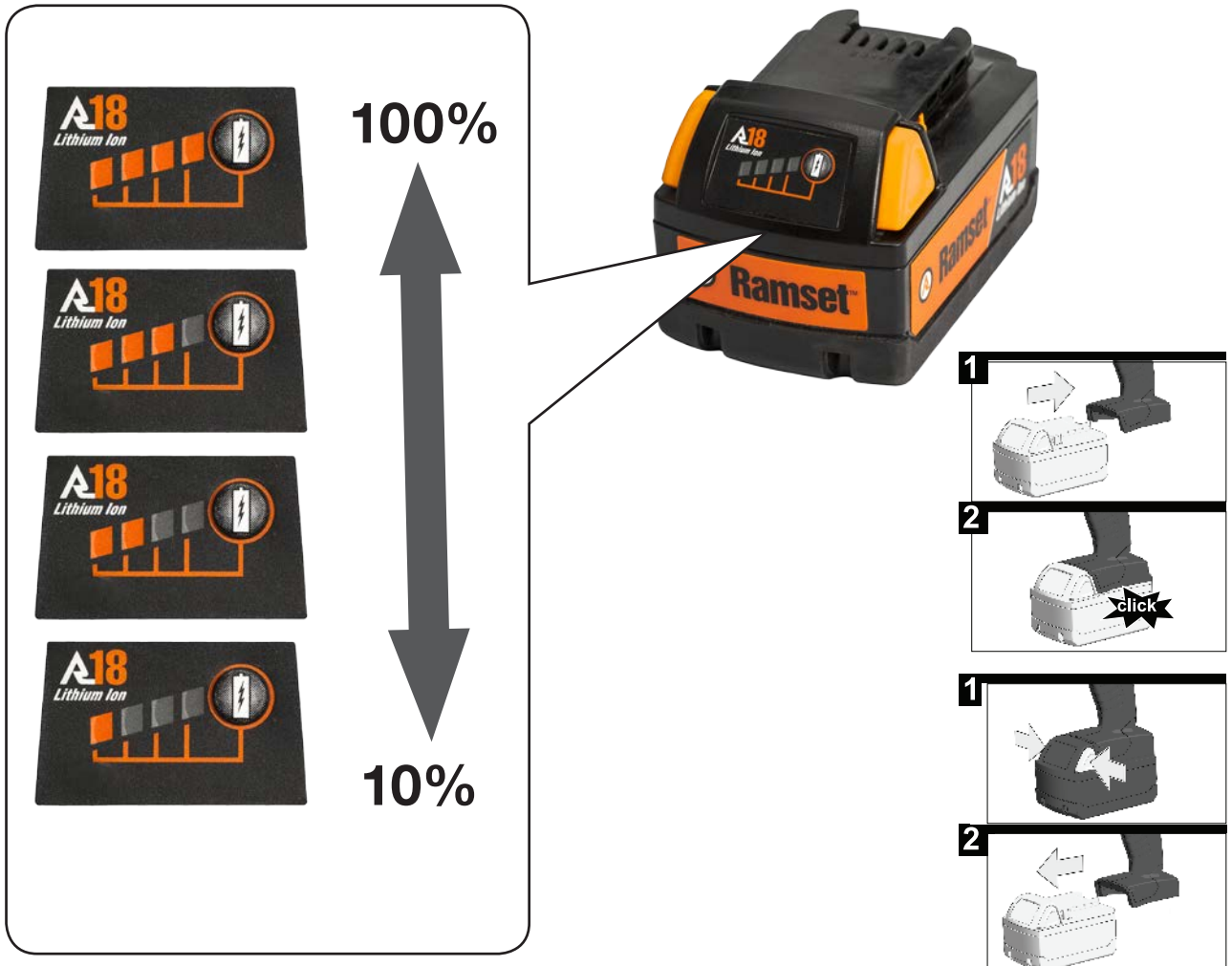
Subject to technical modifications.

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TECHNICAL DATA Caulking Gun

Feed force	4500N
Battery voltage.	18V
Weight according EPTA-Procedure 01/2003 (3,0 Ah)	2.97kg
	3.64kg (inc battery)

Noise/vibration information

Measured values determined according to EN 60 745.

Typically, the A-weighted noise levels of the tool are:

Sound pressure level (K = 3 dB(A))	68dB (A)
Sound power level (K = 3 dB(A))	79dB (A)

Total vibration values (vector sum in the three axes) determined according to EN 60745.

Vibration emission value ah	>2.5m/s ²
Uncertainty K=	1.5m/s ²

WARNING

The vibration emission level given in this information sheet has been measured in accordance with a standardised test given in EN 60745 and may be used to compare one tool with another. It may be used for a preliminary assessment of exposure.

The declared vibration emission level represents the main applications of the tool. However if the tool is used for different applications, with different accessories or poorly maintained, the vibration emission may differ. This may significantly increase the exposure level over the total working period.

An estimation of the level of exposure to vibration should also take into account the times when the tool is switched off or when it is running but not actually doing the job. This may significantly reduce the exposure level over the total working period. Identify additional safety measures to protect the operator from the effects of vibration such as: maintain the tool and the accessories, keep the hands warm, organisation of work patterns.

WARNING! Read all safety warnings and all instructions, including those given in the accompanying brochure. 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.

SAFETY INSTRUCTIONS

Read and understand the charger operator's manual packaged with your charger.

Always wear goggles when using the machine.

Remove the battery pack before starting any work on the machine.

Do not dispose of used battery packs in the household refuse or by burning them.

Do not store the battery pack together with metal objects (short circuit risk).

Use only Ramset™ chargers for charging Ramset™ 18V battery packs. Do not use battery packs from other systems.

Never break open battery packs and chargers and store only in dry rooms. Keep dry at all times.

To reduce the risk of injury, electric shock, and damage to the tool, never immerse your tool in liquid or allow a liquid to flow inside the tool.

SPECIFIED CONDITIONS OF USE

The powered applicator is intended to apply Ramset chemset™ injection systems.

Do not use this product in any other way as stated for normal use

EC-DECLARATION OF CONFORMITY

We declare under our sole responsibility that this product is in conformity with the following standards or standardized documents. EN 60745, EN 55014-1, EN 55014-2, in accordance with the regulations 2006/42/EC, 2004/108/EC.

BATTERIES

New battery packs reach full loading capacity after 4 - 5 chargings and dischargings. Battery packs which have not been used for some time should be recharged before use. Temperatures in excess of 50°C (122°F) reduce the performance of the battery pack. Avoid extended exposure to heat or sunshine (risk of overheating).

The contacts of chargers and battery packs must be kept clean.

For an optimum life-time, the battery packs have to be fully charged, after used.

To obtain the longest possible battery life remove the battery pack from the charger once it is fully charged.

For battery pack storage longer than 30 days:

Store the battery pack where the temperature is below 27°C and away from moisture

Store the battery packs in a 30% - 50% charged condition
Every six months of storage, charge the pack as normal.

BATTERY PACK PROTECTION LI-ION

The battery pack has overload protection that protects it from being overloaded and helps to ensure long life. Under extreme stress the battery electronics switch off the machine automatically. To restart, switch the machine off and then on again. If the machine does not start up again, the battery pack may have discharged completely. In this case it must be recharged in the battery charger.

ADVICE FOR OPERATION

Anti-Drip Feature

The Powered Applicator features an automatic anti-drip to prevent drips after the trigger is released. When the trigger is released, the motor will run for a short time to release the rods.

When a cartridge is emptied, the motor will run for a short time to release the drive rods, then shut off. Release the trigger and change the Chemset™ cartridge.

Overload

When an overload occurs, the tool will reach the maximum drive force and continue to hold this maximum force until the user releases the trigger. If material is not dispensing, make sure that:

The cartridge tap valve is in the "open" position
The sealing cap has been removed from the cartridge and the appropriate new mixing nozzle is fitted
Check that the product is being dispensed within its installation temperature range as specified on the cartridge label
That the cartridge is seated and aligned correctly within the cradle
The cartridge is not damaged
The cartridge is not empty
That the drive rods are free of chemical adhesive
The appropriate battery is fitted and charged
Ensure the trigger lock is not engaged

MAINTENANCE

CAUTION! Carriage and rods must remain clean and free of adhesive materials. Clean off un cured materials using acetone. Cured materials will need to be chipped off. Use only Ramset™ accessories and Ramset™ spare parts. Should components need to be replaced which have not been described, please contact Ramset National Service Centre

SYMBOLS



Please read the instructions carefully before starting the machine.



Always wear goggles when using the machine.



Remove the battery pack before starting any work on the machine.



Do not dispose of electric tools together with household waste material!

In observance of European Directive 2002/96/EC on waste electrical and electronic equipment and its implementation in accordance with national law, electric tools that have reached the end of their life must be collected separately and returned to an environmentally compatible recycling facility.



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TWO YEAR WARRANTY

Every Ramset™ 18 Volt Lithium-Ion power tool (including battery charger) is warranted to the original purchaser only to be free from defects in material and workmanship. Subject to certain exceptions, Ramset™ will repair or replace any part on a 18 Volt Lithium-Ion power tool which, after examination, is determined by Ramset™ to be defective in material or workmanship for a period of two (2) years* after the date of purchase. Return the 18 Volt Lithium-Ion power tool and a copy of proof of purchase to the Ramset™ National Service Centre, freight prepaid and insured, as requested for this warranty to be effective. This warranty does not apply to damage that Ramset™ determines to be from repairs made or attempted by anyone other than Ramset™ authorized personnel, misuse, alterations, abuse, normal wear and tear, lack of maintenance, or accidents.

*The warranty period for Li-Ion battery packs is two (2) years from the date of purchase.

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