

RURIS e-power

New battery range

2023

30 years **RURIS**
power for nature

with people and nature



ePower
RURIS



Content:

e-Power Range

RURIS Battery range:

- Battery, charger and kit
- Battery lawn mowers
- Battery trimmer and brushcutter
- Battery air blower and hedge trimmer
- Battery chainsaws

DAC Battery range:

- Battery, charger and kit
- Battery lawn mowers
- Battery trimmer
- Battery air blower and hedge trimmer
- Battery chainsaw

Robot lawn mowers

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POWERFULL NO EMISSIONS
PORTABLE ERGONOMIC
SILENT ECO-FRIENDLY
RELIABLE EFFICIENT
ROBUST DURABLE



RURIS Alfa Up Innovation, brings numerous benefits to users of Li-Ion battery gardening equipment, through the function that allows the battery to be restarted after long time storage (6 to 12 months). Users can be assured that the battery is ready for use even after a long period of storage. This feature solves the problem of batteries draining completely during storage and that can no longer be used, representing a long-term investment.

This function is also important for protecting the battery from damage. If the battery is allowed to discharge completely during storage, it may be damaged and will not perform as well as before. With the **RURIS Alfa Up** function, the battery will always be protected and ready for use.

The **RURIS e-Power** battery gardening equipment offers numerous advantages over products that run on gasoline engines or power cords:

- **Portable:** Li-Ion battery gardening equipment is lightweight and portable, making it ideal for use in gardens or outdoor spaces without a power source close at hand.
- **Economical and easy to maintain:** Li-Ion battery gardening equipment are more economical than the ones on gasoline because you don't have to spend money on fuel and engine maintenance. Moreover, by using the same battery, you can have all the equipment needed to maintain your garden or green space at low costs.
- **Clean and EcoFriendly:** Li-Ion battery gardening equipment do not emit smoke or emissions during use, making them a cleaner and eco-friendly option.
- **Silent:** Li-Ion garden equipment run much quieter than gasoline powered garden equipment, meaning you can work without disturbing your neighbors or nearby animals.
- **Reliable and durable:** Li-Ion battery gardening equipment are more economical than the ones on gasoline because you don't have to spend money on fuel and engine maintenance. Moreover, by using the same battery for multiple products, you can have all the equipment needed to maintain your garden or green space at low costs.
- **Interchangeability:** Because Li-Ion batteries are interchangeable between different types of equipment, such as lawnmowers, brushcutters or leaf air blowers, users can save money and space by purchasing a single battery and multiple accessories.





RURIS R450e Battery:

40V **Power**
Li-Ion 5Ah

αUP

RURIS
INNOVATION

Ruris Alpha UP Innovation - function that allows the battery to restart after a storage of more than 6-12 months



BATTERY
RURIS R450e

40 V

A SINGLE BATTERY
SPECIALLY DESIGNED TO DEAL WITH MANY
ACTIVITIES IN THE HOUSEHOLD

ePower
by **RURIS**



Battery **RURIS R450e**

Power: 40V
Amperage: 5 Ah
RURIS Innovation: aUP
Weight: 1.3 kg

Charger **RURIS R405e**

Output voltage: 40V
Output current: 5.1 A
Operating temperature: 0~45°C
Frequency: 50-60 Hz
Weight: 0.85 kg

Battery + Charger KIT **RURIS Re4545**



Order code: 450e2023

Order code: 405e2023

Order code: 4545re2023

The **RURIS R450e battery**, with a power of 40V and an amperage of 5Ah, can give you the energy you need to run garden activities without worrying about premature discharge.

Also, the **RURIS R450e battery** comes with Alfa Up Innovation, which protects your battery from damage. This function allows the battery to be restarted after long time storage (6 to 12 months).

The **RURIS R450e** charger is an efficient device for charging **RURIS** 40V batteries with an output current of 5.1A and an output voltage of 40V.

The estimated charging time of the **RURIS R450e** battery is 60 minutes*

*Actual charging time may be affected by several factors such as battery condition and ambient temperature.

Important! To extend the life of the battery it is recommended for it to be stored with a charge level of approximately 40%

ePower

by **RURIS**

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RURIS
INNOVATION

Ruris Alpha UP Innovation - function that allows the battery to restart after a storage of more than 6-12 months

40V **Power**
Li-Ion 5Ah



TECHNICAL DATA

Battery lawn mower **RURIS RXI4345e**

Battery lawn mower **RURIS RXI4645e**

Battery lawn mower **RURIS RXRI4645Ae**

Engine type:

Battery:

Number of batteries:

Battery switch:

Working height:

Working width:

Movement:

Functions:

RPM:

Maximum recommended
working surface:

Chassis:

Grass bag Volume:

Front wheel diameter:

Rear wheel diameter:

Handle vibrations:

Weight:

Electric, brushless

Li-Ion 40V 5Ah

1

-

5 levels: 25-80 mm

430 mm

Manual

Collecting, throwing back,
mulching

3400 rpm

600 mp

Plastic

45 l

7" (17.5 cm)

8" (20 cm)

1.61 m/s², K=1.5 m/s²

12.9 kg

Electric, brushless

Li-Ion 40V 5Ah

1+1 for storage

Manual

6 levels: 25-80 mm

460 mm

Manual

Collecting, throwing back,
throwing sideways,
mulching

3300 rpm

600 mp

Metal

50 l

8" (20 cm)

10" (25 cm)

0.51 m/s², K=1.5 m/s²

22.95 kg

Electric, brushless

Li-Ion 40V 5Ah

2

Auto switch

6 levels: 25-80 mm

460 mm

Self-propulsion

Collecting, throwing back,
throwing sideways,
mulching

3300 rpm

600 mp

Metal

50 l

8" (20 cm)

10" (25 cm)

0.51 m/s², K=1.5 m/s²

25.3 kg

ORDER CODE

Order code:4345e2023

Order code:4645e2023

Order code:4645ae2023

Battery powered lawn mowers are a great choice for anyone who wants an environmentally friendly lawn mowing solution without the need for fuel or a permanent power source.

They are equipped with a brushless electric engine, which is more efficient than brush engines, ensuring easy and efficient lawn mowing.





BATTERY AND CHARGER NOT INCLUDED



BATTERY AND CHARGER NOT INCLUDED

TECHNICAL DATA

Battery trimmer
RURIS RT3345e

Battery brushcutter
RURIS RR3845e

Engine type:

Electric, with brushes

Electric, without brushes

Battery:

Li-Ion 40V 5Ah (not included)

Li-Ion 40V 5Ah (not included)

RPM:

6500 rpm

-

Handle vibrations:

<1.69 m/s², k=1.5m/s²

<1.45 m/s², k=1.5m/s²

Handles:

Loop

Ergonomic - 2 segments

Wire cutting radius:

280 mm

380 mm

Working time with no load:

72 minutes

55 minutes

Blade:

-

Yes, 3 teeth blade

Blade cutting diameter:

-

255 mm

Wire lenght:

4 m

-

Wire diameter:

1.6 mm

-

Shaft diameter:

26 mm

26 mm

Shaft type:

Rigid, modular

Rigid, modular

Weight:

2.95 kg

3.8 kg

Order code

Order code:3345e2023

Order code:3845e2023



This equipment provides an efficient, convenient and environmentally friendly solution for cutting grass in yards and gardens. They are an excellent choice for users looking for an alternative to gasoline models, due to the low level of vibrations, optimal cutting performance, portability and also due to a powerful and light battery.



TECHNICAL DATA

Battery air blower
RURIS SFI1345e

| | |
|---------------------|--|
| Engine type: | Electric, with brushes |
| Battery: | Li-Ion 40V 5Ah (not included) |
| RPM: | 15 000 rpm |
| Handle vibrations: | 1.86 m/s ² , K=1.5 m/s ² |
| Maximum air speed: | 41 m/s |
| Maximum air volume: | 620 m ³ /h |
| Turbo function: | Yes |
| Number of gears: | 2 |
| Weight: | 2.5 kg |



TECHNICAL DATA

Battery hedge trimmer
RURIS RF5345e

| | |
|--------------------|--|
| Engine type: | Electric, with brushes |
| Battery: | Li-Ion 40V 5Ah (not included) |
| RPM: | 15 000 rpm |
| Handle vibrations: | <2 m/s ² , K=1.5 m/s ² |
| Blade lenght: | 610 mm |
| Cutting lenght: | 530 mm |
| Handle: | Rotary |
| Weight: | 2.64 kg |

Order code

Order code:1345e2023

Order code

Order code:5345e2023



BATTERY AND CHARGER NOT INCLUDED



BATTERY AND CHARGER NOT INCLUDED

TECHNICAL DATA

Battery chainsaw
RURIS RM3045e

Battery chainsaw
RURIS RM3545e

| | | |
|--------------------|-------------------------------|-------------------------------|
| Engine type: | Electric, without brushes | Electric, without brushes |
| Battery: | Li-Ion 40V 5Ah (not included) | Li-Ion 40V 5Ah (not included) |
| Handle vibrations: | 2.24 m/s², K=1.5m/s² | 2.71 m/s², K=1.5m/s² |
| Bar type: | Oregon | Oregon |
| Bar lenght: | 12" (300 mm) | 14" (350 mm) |
| Chain type | Oregon | Oregon |
| Chain: | 3/8" | 3/8" |
| Number of cuts: | 45 (ø200-230 mm) | 60 (ø200-230 mm) |
| Oil tank capacity: | 150 ml | 150 ml |
| Chain brake: | Yes | Yes |
| Weight: | 1.9 kg | 2.3 kg |
| Order code | Order code:3045e2023 | Order code:3545e2023 |

Battery electric chainsaws are an excellent option for those looking for a portable and lightweight equipment for cutting wood, offering a combination of performance, reliability and comfort in use.





DAC EXPERT 2400e Battery:



20V Power Li-Ion 4Ah

αUP

RURIS
INNOVATION

Ruris Alpha UP innovation - function that allows the battery to restart after a storage of more than 6-12 months



Battery **DAC EXPERT 2400e**

Power: 20V

Amperage: 4 Ah

RURIS Innovation: **αUP**

Weight: 0.64 kg

Charger **DAC EXPERT 24e**

Output voltage: 20V

Output current: 1.8 A

Input voltage: 200-240V

Frequency: 50-60 Hz

Weight: 0.3 kg

Battery + Charger KIT **DAC EXPERT 2424e**



Order code: 2400e2023

Order code: 24e2023

Order code: 2424e2023

The **DAC EXPERT 2400e** battery has a voltage of 20V, a capacity of 4 Ah and offers good autonomy and can be used for the whole range of **DAC** and **EXPERT** equipment on battery. In addition, with a light weight of only 0.64 kg, it is portable and easy to carry.

Also, the **DAC EXPERT 2400e** battery pack comes with The Alfa Up innovation, a technology that, through electrical impulses, has the ability to restart the battery when it is fully discharged or stored for long periods of time, between 6-12 months.

It is designed to charge the **DAC EXPERT 2400e** battery so the charging time* for this 4 Ah battery is approximately 2 hours and 13 minutes.

*Charging time is an estimate and may vary depending on several factors, such as ambient temperature, degree of battery or charger wear.

Important! To extend the life of the battery it is recommended for it to be stored with a charge level of approximately 40%



DAC lawn mowers offer a comfortable and efficient lawn mowing experience thanks to the electric brushless engine, the powerful 20V Li-Ion battery and the possibility of collecting, throwing back or mulching. Also, the ergonomic design and compact dimensions allow easy handling and access in tight spaces.

TECHNICAL DATA

Battery lawn mower
DAC 3324e

Battery lawn mower
DAC 3744e

| | | |
|--------------------------------------|-------------------------------------|-------------------------------------|
| Engine type: | Electric, without brushes | Electric, without brushes |
| Battery: | Li-Ion 20V 4Ah | Li-Ion 2X20V 4Ah |
| Number of batteries: | 1 | 2 |
| Battery switch: | - | - |
| Working height: | 25-75 mm | 25-75 mm |
| Working width: | 330 mm | 370 mm |
| Movement: | Manual | Manuală |
| Functions: | Collecting, throwing back, mulching | Collecting, throwing back, mulching |
| RPM: | 3200 rpm | 3300 rpm |
| Maximum recommended working surface: | 300 mp | 650 mp |
| Chassis: | Plastic | Plastic |
| Grass bag Volume: | 30 l | 35 l |
| Front wheel diameter: | 5.5" (13.75 cm) | 6" (15 cm) |
| Rear wheel diameter: | 6.5" (35.75 cm) | 8" (20 cm) |
| Handle vibrations: | 0.63 m/s², K=1.5 m/s² | 0.54 m/s², 0.68 m/s² K=1.5 m/s² |
| Weight: | 10.38 kg | 11.65 kg |





Ruris Alpha UP innovation - function that allows the battery to restart after a storage of more than 6-12 months



BATTERY AND CHARGER NOT INCLUDED

TECHNICAL DATA

Battery trimmer **DAC 3024e**

Engine type:

Battery:

Working time with no load:

Handle vibrations:

Handle:

Wire cutting radius:

Wire lenght:

Wire diameter:

Shaft diameter:

Weight:

Electric, with brushes

Li-Ion 20V 4Ah (Not included)

48 minutes

<1.87 m/s², k=1.5m/s²

Loop - Rotary

250 mm

4.5 m

1.2 mm

25 mm

2.1 kg



The **DAC 3024e** battery Trimmer offers flexibility and ease during use due to the electric brush motor, 20V Li-Ion technology and the ergonomic design with a rotating blade, allowing you to access and cut grass in hard-to-reach areas, from the edges of driveways, gardens or yards.

Order code

Order code:2024e2023



BATTERY AND CHARGER NOT INCLUDED

The **DAC 4024e** hedge trimmer is light and maneuverable, making the cutting experience more comfortable and less tiring for the user.

The **DAC 1224e** blower is strong, efficient and easy to use, effortlessly removes residues, leaves or piles of grass clippings. Thanks to the strong air flow, the device allows you to remove plant debris from hard-to-reach places: under tables, chairs, benches.



BATTERY AND CHARGER NOT INCLUDED

TECHNICAL DATA

Battery hedge trimmer **DAC 4024e**

| | |
|-------------------------|---|
| Engine type: | Electric, with brushes |
| Battery: | Li-Ion 20V 4Ah (Not included) |
| RPM: | 3000 rpm |
| Handle: | Rotary |
| Blade lenght: | 450 mm |
| Blade cutting diameter: | 16 mm |
| Handle vibrations: | <2.27 m/s ² , 1.37 m/s ² , k=1.5 m/s ² |
| Weight: | 2.75 kg |

Order code

Order code:4024e2023

TECHNICAL DATA

Battery air blower **DAC 1224e**

| | |
|--------------------|--|
| Engine type: | Electric, with brushes |
| Battery: | Li-Ion 20V 4Ah (Not included) |
| RPM: | 16000 rpm |
| Maximum air speed: | 35 m/s |
| Maximum air speed: | 550 m ³ /h |
| Handle vibrations: | <0.49 m/s ² , k=1.5m/s ² |
| Weight | 1.8 kg |

Order code

Order code:1224e2023



BATTERY AND CHARGER NOT INCLUDED

TECHNICAL DATA

Battery chainsaw
DAC 2524e

| | |
|-------------------------|-------------------------------|
| Engine type: | Electric, without brushes |
| Battery: | Li-Ion 20V 4Ah (Not included) |
| Handle vibrations: | <4.5 m/s², 5 m/s², k=1.5m/s² |
| Bar lenght: | 10" (250 mm) |
| Maximum cutting lenght: | 245 mm |
| Chain: | 3/8 1.3mm |
| Number of cuts: | 54 (ø110-120 mm) |
| Oil tank capacity: | 220 ml |
| Weight: | 3.12 kg |

Order code

Order code:2524e2023

The **DAC 2524e** Battery Electric Chainsaw is a powerful and efficient tool with a 10 inch (250mm) long blade, high cutting speed and an easy-to-handle ergonomic design.



ROBOT MOWERS LAWN

ANDROID
APP



IOS
APP



Precision
RX1



**RURIS RXR300****300**

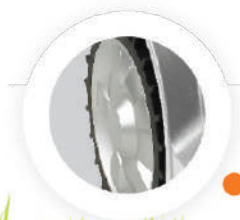
square meters

**RURIS RXR500****500**

square meters

**RURIS RXR1550****1500**

square meters

Adjustable cutting
height

High adhesion



Rain sensor



Emergency stop

If you want to have a perfectly maintained lawn without putting in any effort, **RURIS** robotic lawnmowers are an excellent choice for you.

They can be programmed and can work all summer long, even when you are not at home.



INCLUDED

Perimeter boundary wire 80m



INCLUDED

Perimeter boundary wire 130m



INCLUDED

Perimeter boundary wire 220m



TECHNICAL DATA

Robot lawn mower **RURIS RXR300**

Engine type:

Li-ion battery voltage:

Li-ion battery capacity:

Connectivity:

Charging time:

Working time:

RPM:

Cutting diameter:

Cutting height:

Blade type:

Maximum climbing angle:

Top speed:

Maximum working area:

Waranty:

Electric, without brushes

20V

2 Ah

-

80 minutes

110 minutes

3100 rpm

180 mm

20 mm - 60 mm

3 teeth blade

20°

0.4 m/s

300 sqm

24 months

Robot lawn mower **RURIS RXR500**

Electric, without brushes

20V

2 Ah

Bluetooth

80 minutes

110 minutes

3100 rpm

180 mm

20 mm - 60 mm

3 teeth blade

20°

0.4 m/s

500 sqm

24 months

Robot lawn mower **RURIS RXR1550**

Electric, without brushes

20V

2 Ah

Bluetooth and Wifi

180 minutes

260 minutes

3100 rpm

180 mm

20 mm - 60 mm

3 teeth blade

20°

0.4 m/s

1500 sqm

24 months

Order code

Order code:300rxr2023

Order code:500rxr2023

Order code:1550rxr2023

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



INNOVATION α UP

Information and support



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