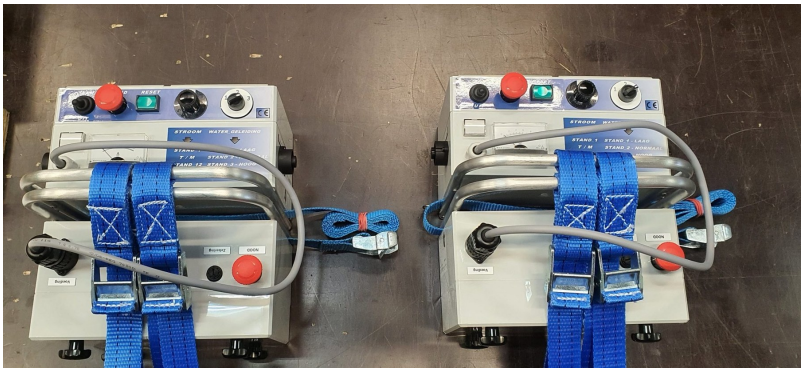
De Fuut

Portable battery-powered electrofishing unit for wading



350 V DC Output voltage	**100 W** Output power
approx. 5 kg Carried on the back	**approx. 2 h** Fishing on one charge

De Fuut is a compact, lightweight electrofishing unit carried on the operator's back. It runs on a 12 V lithium battery, which makes it quiet, emission-free and ready to use straight away, without a generator. De Fuut has been developed and built in-house in Oudewater (the Netherlands) since 2010 and more than fifty units have been supplied to research and consultancy firms, angling organisations, commercial fishermen, universities and water authorities, in the Netherlands, Belgium and as far away as French Polynesia and La Réunion.

Applications

- Fish stock sampling and surveys in streams, ditches and shallow waters
- Scientific research and monitoring (Water Framework Directive, ecological studies)
- Fish rescue and relocation during drought, dredging or drainage
- Sampling at fish passes and hydraulic structures

Benefits

- **Light and portable:** approx. 5 kg, carried with a strap
- **Lithium battery:** 12 V, 18 Ah; approx. 2 hours of intensive fishing
- **No generator needed:** quiet and free of exhaust fumes, also suitable for hard-to-reach locations
- **Adjustable to any water:** 12 output current settings and 3 settings for low, normal or high conductivity water
- **Safe:** class II, push switch on the anode pole, emergency stop on both boxes and tilt protection
- **Fish-friendly:** fish with as little current as possible; the ammeter shows the actual current
- **In-house service:** parts, repairs and the mandatory annual inspection by AVASTO

Scope of supply

- Control unit with ammeter, main switch, selector switches, reset and emergency stop
- Battery box with 12 V, 18 Ah lithium battery and emergency stop, including charger
- Hand anode: 1.5 m pole with 40 cm landing net frame, net, push switch and waterproof plug
- Cathode: 1 m copper braid on 1.5 m insulated cable with waterproof plug
- Carrying strap, user manual and CE declaration of conformity

Options and parts

- Conversion of existing Fuut units with a lead-acid battery to lithium
- Spare hand anode and spare cathode
- Separate landing net frames, nets, plugs and push switches

Service and inspection

Electrofishing equipment must be inspected every year. AVASTO inspects and maintains De Fuut and issues an inspection report. Users must have completed an electrofishing course and follow the applicable working instructions.

Request a quotation

We are happy to advise you on the right unit for your waters and prepare a tailored quotation. Also for parts, inspection and repair, including other brands.

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Delivery time approx. 6 to 8 weeks