



GoodSweden
Purifying Water  for Life

GoodWell Mobile
Autonomous Water
Purification system for
remote field operations
in areas with minimal
or destroyed infra-
structure

Produced in Sweden



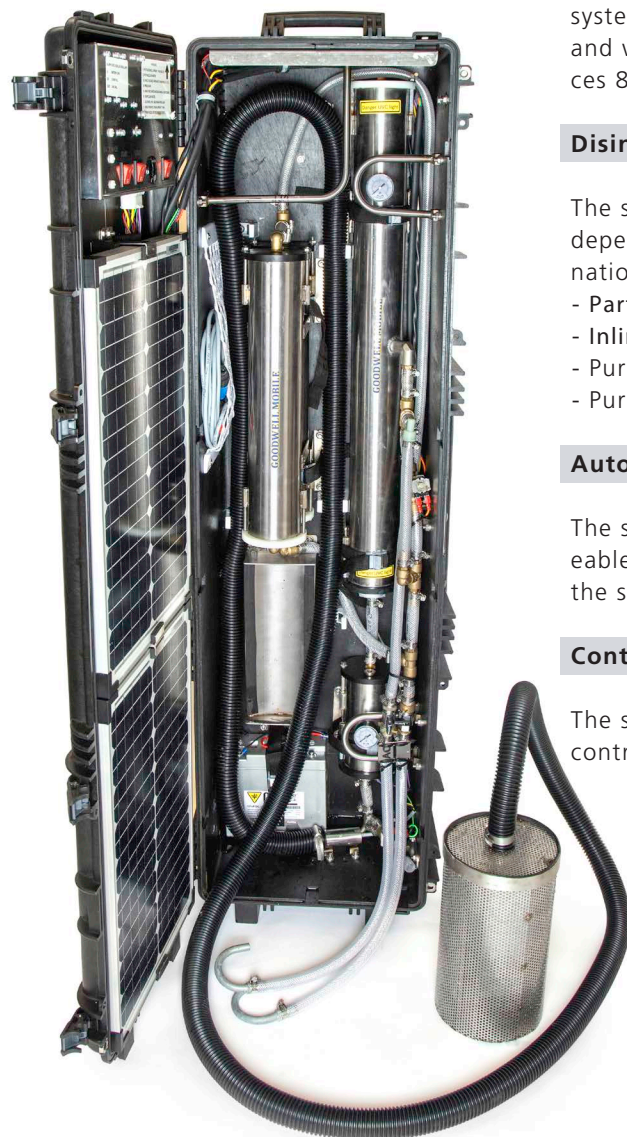
REMOVES 99,99% OF HARMFUL BACTERIAS



REDUCE PFAS | PFOS | ARSENIC | LEAD



GoodWell Mobile



The system is fixed and packaged in a durable hard case equipped with wheels and a handle. Dimensions:

- Length: 1430mm
- Width: 415mm
- Depth: 296mm
- Weight, approx.: 40kg

GOODWELL Mobile is an autonomous and mobile water purifying system that produces potable drinking water from lakes, rivers, and wells. With very low energy consumption, the system produces 8-10L of drinking water per minute.

Disinfection/Purification

The system has 3-4 purification stages that can be switched inline depending on the incoming water's quality and level of contamination:

- Particle pre-filter in the nozzle
- Inline fine filter before the UV-cleaning stage
- Purifying stage with UV-light
- Purifying stage with Activated Carbon

Autonomy

The system is equipped with a solar power system and a rechargeable LiFePO4 battery, as well as a backwashing system, enabling the system to operate independently with minimal supervision.

Control

The system is monitored by an internal processor with various control functions and actuators. Start-up time from placement of the system to drinking water production is 1-2 minutes. The system has an alarm panel that clearly indicates if any fault occurs in the system.

Easy Operation

- Location of watercourse | Stable placement
- Lower the nozzle into the watercourse
- Press the start button
- Check function and flow
- 8-10L of drinking water per minute with nozzle in 1 meters of water.

Operating Data

- Power consumption: 60 watts (5 amps)
- Battery: 12 volts / 20 Ah

Example:

Day: Fully charged battery, supported by sunlight = 12 hours of operation and approx. 7000 liters of drinking water.

Dark hours: Fully charged battery, no additional power source = 3.5 hours of operation and approx. 2000 liters of drinking water.

Connected to vehicle (cigarette lighter socket): 24 hours of continuous operation and approx. 14,000 liters of drinking water per day.

With activated carbon filter connected, the volume of finished drinking water is reduced by approx. 20%.

Battery Charging Time:

Solar panels: 0-100% in approx. 7 hours
Vehicle connection: 0-100% in approx. 3 hours

GoodWell Mobile is a sturdy and ruggedized construction designed for use in remote field conditions. It is designed for independent operation with minimal supervision and low maintenance. Set-up takes approx 2-5 minutes and drinking water is accessible immediately after initial start-up process.



1. Open case and release nozzle with hose |
2. Position the apparatus and lower the nozzle into the water
3. Push the button and start the Goodwell Mobile | **Simple as that!**

Note: Shutdown occurs in reverse order, including system drainage. All in all, approximately 5 minutes



Why GoodWell Mobile?

GoodWell Mobile is one of few mobile and autonomous water purifying systems in the market with high capacity, extremely low energy consumption, low maintenance, no chemical substances in the cleaning process and an integrated backwashing system.

Particle cleaning stage

The Goodwell Mobile uses a 2-stage particle filtration system.

- Particle pre-filter in the nozzle
- Inline fine filter before the UV-cleaning stage

UV-purifying stage

The UV-cleaning stage removes 99,99% of all harmful bacterias in contaminated water

Active carbon purifying stage

The active carbon purifying stage consisting of 2 chambers, each with 2,5 liters of highly effective coconut based active carbon absorbs and encapsulates the hazardous chemicals/substances. 1 gram of active carbon has a potential cleaning surface of 1000m2. The active carbon cleaning stage reduces: PFAS, PFOS, Pesticides, Herbicides. Phenols, Chlorine, Chlorinated compounds, Industrial solvents, Benzene, Toluene, Odor, Taste, Heavy metals (to a limited extent).

- No chemical substances - GoodWell Mobile meets: RoHs directive SS-EN-ISO 133849-1
- Low Voltage - GoodWell Mobile meets: 2014/35/EU SS EN 60598-1:2015 Low Voltage Directive
- No dangerous components, no risk of harm - GoodWell Mobile meets: EN ISO SS 133849-1

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