



# RTE PS 2 Power Station

Rosenbauer Technical Equipment  
Mobile 2 kW battery power supply.

Strong. Quiet. Clean.

 **rosenbauer**



The battery-based RTE PS 2 Power Station from Rosenbauer offers clear advantages when it comes to on-site power supply. Its portability makes it easier to work with, while the lack of emissions reduces the strain on emergency services.





# RTE PS 2 Power Station.

## The battery-powered energy source.

Technical operations often require the use of electrically powered tools such as submersible pumps, combi hammers and rescue equipment. However, electric appliances like high-performance fans may also be needed for firefighting missions. A lighting system is almost always needed. Rosenbauer has developed the RTE PS 2 Power Station – a compact power supply with zero emissions – to allow such appliances to be used even more flexibly.

### Emission-free, portable and easy to handle

At the core of the RTE PS 2 Power Station is a high-performance battery pack that is suitable for use by standard fire departments. With its 2 kWh capacity and 2,000 W output power, it can supply electrical devices with energy for long periods of time. What's more, it's completely silent and produces zero exhaust gases. The Power Station is portable, too. Its large wheels and trolley handle make it easy to transport over long distances. The robust housing makes it resilient enough to withstand the toughest conditions.

The Rosenbauer Power Station can be charged via any standard household socket, the on-board power supply on an emergency vehicle, or even using the power of the sun via optional solar panels. In other words, the RTE PS 2 Power Station is the ultimate modern energy source for firefighting operations.

### Our name is our bond: Rosenbauer

For over 150 years, Rosenbauer has led the way as a pioneer and a partner for emergency services. We are unique in our ability to deliver effective solutions for every single decisive moment in fire and disaster control, from preventative fire safety systems to all types of emergency vehicles, from digital applications to personal and technical equipment. As system providers, Rosenbauer handles all these fields with competence and experience.

For Rosenbauer, perfection means preserving our legacy as a driver of progress. That's why we continue to set new standards with our technological innovations in fire and disaster control. Through in-depth conversations with our clients, we develop exactly the right solutions so that we can be at your side when you need us most. Worldwide. Everything you need to be optimally equipped for those crucial moments.



# A bundle of energy.

## A detailed look at the RTE PS 2 Power Station

### Integrated LED ambience lighting

For visibility of the battery pack, lighting up the immediate surroundings and better usability

### 2x 15 W wireless charging

For fast inductive charging, e.g. smartphones

### Shockproof housing

Bumpers made of high-quality rubber are attached to the edges and corners of the Power Station protect it against knocks.

### 120 W on-board voltage socket

For all 12 V DC devices with a plug for an automobile power outlet (cigarette lighter), max. 10 A

### 3 DC outputs

1x 12 V / 25 A  
and 2x 12 V / 3 A

### Fast Charging USB-C-Port 60 W

Connection for fast charging of smaller battery devices with up to up to 60 W charging power

### 4x USB-A-Buchse 15 W

For charging powerbanks and other smaller battery devices with up to 15 W charging power

### 2 2,000 W domestic sockets

Sockets with country-specific plug type and voltage output (max. 230 V/8 A)



## RTE PS 2 Power Station: technical specifications

|                                     |  |
|-------------------------------------|--|
| <b>Battery capacity</b>             | 2,000 Wh, 40 Ah  |
| <b>Power output</b>                 | 2,000 W, output possible at one socket   |
| <b>Battery type</b>                 | LiFePO <sub>4</sub> fire safe / 3,500 cycles   |
| <b>Voltage range/frequency</b>      | 240 V/50 Hz  |
| <b>Voltage stability</b>            | < 5 %  |
| <b>Short-circuit protection</b>     | yes  |
| <b>Overtemperature protection</b>   | yes  |
| <b>Operating noise &lt; 1,500 W</b> | 45 dB  |
| <b>Protection class</b>             | IP 33  |
| <b>Operating temperature</b>        | Power output between -10 °C (14 °F) and +45 °C (113 °F)<br>Charging between 0 °C (32 °F) and +45 °C (113 °F)   |
| <b>Charging time</b>                | - Mains: approx. 5 h<br>- Vehicle: approx. 20 h/12 V on-board network<br>or approx. 10 h/24 V on-board network<br>- Solar panel: approx. 10 h/1 panel à 200 W or<br>5 h/2 panels à 200 W |
| <b>Dimensions (W x H x D)</b>       | 515 x 440 x 330 mm (20.28' x 17.32' x 12.99')  |
| <b>Weight</b>                       | 31.5 kg (69.45 lbs)  |

### Trolley function-

The extendable handle and large, soft and antistatic rubber wheels make it easy to pull the Power Station over rough ground.

### Integrated inverter

An inverter provides single-phase alternating current at all AC outlets.

### Integrated solar charging controller

An inbuilt control unit regulates the charging currents of the optional photovoltaic panels.



### Ergonomic handles

Large handles for a secure grip, even when wearing gloves

### Lithium iron phosphate battery

Long-life LiFePO<sub>4</sub> battery cells store electrical energy inside.

### Charging ports

For charging in the vehicle using a power cable or photovoltaic panel

### Greater safety and rapid set-up times.

As the power supply does not emit any exhaust gases, the RTE PS 2 Power Station can be used absolutely anywhere, including indoors. It is also highly mobile so that it can be quickly transported to where it is needed, thus avoiding the need to roll out power cables over long distances.



# Indisputably smart.

The control of the RTE PS 2 Power Station.

## On/off switch

The main switch is a physical switch, so it can also be pressed while wearing gloves. This allows you to activate the Power Station quickly.

## Settings button

Various settings can be applied via this menu item.

## Info button

This button allows you to access more detailed information about the Power Station.

## Fault button

Possible errors can be viewed by touching this space.





**DC consumption**

The current amount discharged via the direct current outputs is displayed here.

**AC charging power display**

The level of the inflows from the mains is shown here.

**DC charging power display**

The level of the inflows from the on-board power supply or from the PV panels is shown here.

**Charge indicator**

The battery status is displayed in the center.

**Separate activation**

These two buttons can be used to separately switch DC or AC outputs on or off. Peripheral lighting can also be activated via DC ON.

**AC consumption**

The current amount discharged via the alternating current outputs is displayed here.

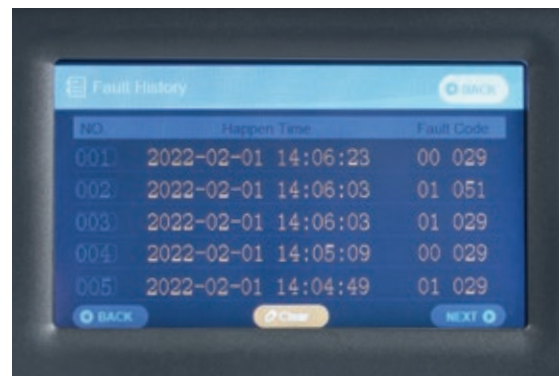
The smart touch display of the Rosenbauer Power Station provides information on the key operating statuses at all times, including the charge level of the battery or the current inflow and outflow of electricity. Many other details can also be displayed. The display is also the central operating unit, allowing you to control all the functions.



Settings.



Data.



Fault history.





# Remarkably long-lasting.

Exemplary appliances you can run with the RTE PS 2 Power Station.



High-performance fan

⚡ 1,300 W ⌚ 1:32 h



Submersible pump

⚡ 1,900 W ⌚ 1:03 h

## ■ Primary use



Combi hammer

⚡ 1,050 W ⌚ 1:54 h



Wet vacuum cleaner

⚡ 2,000 W ⌚ 1 h



LED spotlight

⚡ 50 W ⌚ 40 h



Rescue equipment

⚡ 1,500 W ⌚ 1:20 h





It is also possible to operate or charge various small electrical appliances or smart devices.



### Projector

⚡ 250 W ⌚ 8 h



### Electric grill

⚡ 1,500 W ⌚ 1:20 h

## ■ Secondary use:



### Refrigerator

⚡ 180 W ⌚ 11:07 h



### Coffee machine

⚡ 1,200 W ⌚ 1:40 h



### Outdoor stereo system

⚡ 400 W ⌚ 5 h



With its 2 kWh capacity and 2,000 W output power, the RTE PS 2 Power Station provides the energy you need for all manner of applications. It can be used to operate numerous single-phase electrical devices, including submersible pumps, high-performance fans and rescue equipment, for an hour or more.



**Incredibly quiet.  
Stupendously clean.**







**Not just clean, but self-sufficient too.**

For those who don't want to be dependent on electricity from the grid, vehicles or other generators, Rosenbauer provides photovoltaic panels as accessories for its Power Station. Each individual panel provides a maximum of 200 W power. On a sunny day, it takes just 5 hours for the power from two panels to fully charge the 2 kWh battery of the RTE PS 2 Power Station. The maximum PV charging power is 700 W, which reduces the charging time to less than 3 hours.



# RTE PS 2 Power Station

## Mobile battery power supply with 2 kW.



### Order data for RTE PS 2 Power Station

|        |   |
|--------|---|
| 319520 | EU version – with 2x SCHUKO sockets (230 V/50 Hz) |
| 319521 | US version – with 6x NEMA sockets (110 V/60 Hz)   |

Included as standard: Mains charger, in-car charger, PV charging cable, adapter cable for car or PV input, operating instructions, pouch for accessories



### Order data for RTE PS 2 Power Station accessories

|        |  |
|--------|--|
| 319530 | Solar panel – a PV panel with $P_{MAX} = 200$ W charging power |
| 319535 | Socket adapter CH type23                                       |
| 312318 | LED floodlight 50 W  |
| 312315 | LED floodlight 180 W   |
| 314001 | Tripod   |
| 315560 | Cable reel 30 m  |



319530