



Miba Battery Systems

# VOLT STATION<sup>®</sup>



The mobile energy storage system:  
Emission-free,  
quiet and powerful.

Always there.  
Everywhere.





# Environment-friendly energy always available.

In many areas, such as on construction sites, at open-air events, for first responders or disaster response, traditional diesel generators no longer meet the requirements in terms of sustainability and climate protection.

The VOLTSTATION® is a powerful energy storage system which offers an environment-friendly, economical alternative that is flexible in use – both mobile and stationary. The electricity requirements are covered independently of the grid infrastructure, operation is emission-free, and the compact design means it can be used flexibly, wherever and whenever needed. As in our guiding principle: **Always there. Everywhere.** And in times of rising fuel prices and cost-efficient use of off-peak electricity, our energy storage system is also an attractive solution economically.

Easy to transport – with a Class B driver's license and a trailer – the VOLTSTATION® is a thoroughly well-thought out energy storage solution.

## Always there. Everywhere.





# The reliable energy source for every requirement

There are many good reasons why our mobile energy storage is the solution to ensure a sustainable energy supply for a wide variety of applications.



## Emission-free

Awareness is increasingly growing of the need to ban emissions such as CO<sub>2</sub> and exhaust gases from urban areas. In the 20 kVA segment the emission-free VOLTSTATION® is the perfect solution.

## Quiet

The mobile energy storage system is substantially quieter compared to diesel gensets, and also follows the trend for freeing urban environments from all noise.

## Maintenance-free

No regular maintenance or servicing work is necessary, so the operating costs are lower and less time and resources are consumed.

## Easy to use

The labeled controls and user-friendly interface make the system fast to start up and intuitive to use.

## Battery charge indicator

The charge indicator enables users to monitor the energy consumption so that they charge the battery in good time, thus avoiding unnecessary stoppages.

## Easy to transport

Any driver with a Class B driver's license can transport the VOLTSTATION® to its place of use quickly and easily using a small single-axle trailer. On site the energy storage system can be moved effortlessly to the desired spot using a crane, forklift or pallet truck.

## Made in Austria

Developed and produced in Austria! With over 16 years' battery expertise, we guarantee the use of leading European manufacturing technology.

## Construction sites

The modern construction site is electric, emission-free, clean and quiet. Today clients are increasingly taking note of ecological criteria during tenders. The VOLTSTATION® is the solution to substantially reduce emissions such as exhaust gases and noise.

## Industry and commerce

Our mobile energy store prevents production downtimes at short notice and unplanned scrappage due to power outages. By smoothing out peaks in power consumption, it also ensures more efficient use of grid connections.

## Openair events

Sustainability is a central topic for organizers of open-air events, because they often leave a high CO<sub>2</sub> footprint behind, particularly due to the energy consumption.

## Film

The low-noise VOLTSTATION® is an excellent alternative for film and TV productions. Operating several VOLTSTATIONS® in parallel allows the energy demand to be scaled, guaranteeing smooth operation for a whole day's shooting without having to recharge.

## Charging infrastructure

The VOLTSTATION® offers a rapid and simple energy supply in regions without charging stations. Charged using photovoltaics, it can reduce the CO<sub>2</sub> footprint and optimize costs by charging during low-cost times and using power during the expensive periods.

## Disaster response

During large-scale power outages or disasters such as storms, earthquakes or floods, a power supply for the first responders is crucial. The VOLTSTATION® can be transported rapidly to the place of use on a small car-trailer by any driver with a Class B driver's license.



- 01 Eyebolts for lifting transport
- 02 Lockable compartment
- 03 Ground frame with transport recesses
- 04 LED status display
- 05 Battery charge indicator
- 06 Rating plate

- 07 Protective casing
- 08 Charging connector
- 09 Connectors for 4x Schuko 16A
- 10 3x CEE plugs 400 V / 16A
- 11 1x CEE plug 400 V / 63A

# The technical benefits at a glance

## General information

|                                 |  |
|---------------------------------|--|
| <b>Cell chemistry/cell type</b> | Nickel manganese cobalt – NMC<br>Lithium-ion battery cells |
| <b>Cell format</b>              | Round cell   |
| <b>Installation</b>             | Plug-and-play  |
| <b>Types</b>                    | CS30 and ES40  |
| <b>Storage capacity</b>         | ES40: 42 kWh   |
| <b>Weight</b>                   | ES40: 740 kg +/- 5%  |
| <b>Dimensions ES 40</b>         | 1680 x 1100 x 1680   |

## Accessories

- Car trailer
- Charging cable
- Type 2 adapter
- Protective casing



## For every requirement

### VOLTSTATION® ES40

With its high energy content of 42 kilowatt-hours, the VOLTSTATION® ES40 is the perfect solution for applications requiring high energy and power.

### VOLTSTATION® CS30

Our integrated mobile energy source is ideally suited to light commercial vehicles and many other vehicle types, where it reliably supplies their electrical devices with power and charges their batteries.

### VOLTSTATION® CS30

With the customized energy storage system we offer a sustainable alternative that also pays off economically. It lowers operating costs, impresses users with its significantly longer service life and reduces CO2 emissions at the same time.



→ **OPTIONAL** 3x VOLTSTATION® ES40 as an interconnected variant provides 156 kWh and 60 kW power output.



Miba Battery Systems

# ENERGIZE LIFE

Miba Battery Systems is a pioneer in the development and production of battery packs and energy storage systems on the basis of round cells and battery components. We were the first supplier worldwide to develop an innovative contacting process for welding round battery cells efficiently. In addition, our FLEXCOOLER® ideally complements our innovative product range as the lightest battery cooler in the world.

Our claim ENERGIZE LIFE stands for our drive to electrify a wide variety of applications, such as automobile, off-highway working machinery, motorcycles, boats, drones as well as stationary applications.

At Austria's technology-leading battery production site, the VOLTFACTORY®, we are driving forward the electrification of the future.

## Miba Group

The Miba Group is a leader in the development and production of functionally critical components along the entire energy value chain. A core area of Miba's product portfolio comprises technologies for the efficient generation, transmission, storage and use of energy. Batteries as energy storage play a crucial role in this. Miba Battery Systems is therefore the ideal addition for future-oriented battery technologies and makes a substantial contribution to implementing Miba's electrification strategy.

## Contact

Miba Battery Systems GmbH  
Maximilianstraße 4  
4190 Bad Leonfelden  
Austria  
batterysystems@miba.com  
www.mibabattery.com

