# HANS® Power to go
# Battery storage trailer

Exclusive
distribution partner:

faber Group

All-in-one design for mobile power supply –
whether on a construction site, for an infrastructure project, an event, a festival or a temporary installation.

- **Mobile & self-sufficient power supply:** Off-grid power supply, mobile power boosting for limited connections, as well as three-phase operation even with a single-phase connection
- **Intelligent energy management:** Efficient generator integration with minimal running time, centralized energy management with touchscreen controls, and quiet, low-emission operation
- **Expandable energy sources:** Optional integration of PV systems and EV charging infrastructure for maximum flexibility

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**One system. Maximum flexibility. Innovative mobile energy reimagined.**

## Applications

- Mobile construction site power and industrial storage
- Power booster for weak grid connections
- Generator-hybrid solution with minimal running time
- Mobile charging and emergency charging unit for electric vehicles
- Temporary energy storage for events and infrastructure
- Stationary storage with full energy management during downtime

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## System data

| | HANS® Power to go | |
|---|---|---|
| Maximum continuous AC output, kVA [1] | **15** | **30** |
| Gross battery capacity, kWh [3] | 30.7 | 61.4 |
| Battery technology | LiFePO4 intrinsically safe / maintenance-free | |
| **EV charging station optionally expandable** | **Typ 2 AC 22 kW** | |
| DC-PV integration optionally expandable | max. 11.5 kW, 120 - 450 V, 4 MPPT | max. 34.5 kW, 120 - 450 V, 12 MPPT |

## General specifications

| | | |
|---|---|---|
| Grid input | generator and / or public grid | |
| Connections | 1x CEE 230V 16A input<br>1x CEE 400V 16A input<br>1x CEE 400V 63A input<br>2x CEE 400V 32A output<br>3x Schuko 230V 16A output<br>4x pairs of MC4 connectors<br>(for DC-PV) | 1x CEE 230V 16A input<br>1x CEE 400V 32A input<br>1x CEE 400V 125A input<br>4x CEE 400V 32A output<br>3x Schuko 230V 16A output<br>12x MC4 connector pairs<br>(for DC-PV) |
| Monitoring [7] | Comprehensive monitoring with touchscreen control via web and app | |
| Remote monitoring [7] | LTE / 4G remote monitoring with GPSS | |
| Type of design | Braked tandem car trailer (approved for 100 km/h) | |
| Ambient conditions at installation site [1] | -20 to 45 °C, max. 95% humidity (non-condensing) | |
| Ventilation / air conditioning | integrated | |
| Empty weight kg | 860 | 1,133 |

## Operating modes

- Fully self-sufficient emergency power operation
- Parallel operation with power boost [8]
- Intelligent generator operation [8]
- Generator control [8] (connection via relay or interface)
- EV charging station control [8]

1) Actual performance depends on the batteries installed, the system status and the temperature, and may be lower depending on varying conditions.
2) Check the power consumption of loads, motors, pumps and heat pumps; check the start-up current; check the feed-in source. The performance and availability of the emergency power function may be limited by software updates, the inverter's grid status and external conditions such as domestic load, generation, faults, temperature and battery calibration.
3) The usable battery capacity may be lower depending on varying conditions (system status / temperature); standard reserve 10%.
4) See warranty terms and conditions.
5) Up to 1 year after installation; not guaranteed – please check. Battery upgrade subject to availability / battery technology; power upgrade subject to availability / system technology.
6) This option does not constitute a legal entitlement for the customer. Depends on future vehicle models, interfaces, guidelines and regulations.
7) A permanent internet connection is essential. The customer has no legal entitlement to free monitoring via the web or app.
8) Configuration required; subject to an additional charge.

All information is provided without guarantee. Subject to changes and errors.