

VOLTSTATION®



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

Always there.
Everywhere.



In times of global warming, new, sustainable solutions for mobile energy supply are needed. All emissions, whether CO₂ or noise, are being banned from cities. In the 20 kVA segment, the compact VOLTSTATION® is an environmentally friendly alternative. The flexible energy storage system can be used for both mobile and stationary applications, making it particularly interesting from an economic point of view.

TECHNICAL DATA	VOLT STATION® ES30		VOLT STATION® ES50	
	Dimensions (l x w x h)	[mm]	1680 x 1110 x 1680	1680 x 1110 x 1680
Weight	[kg]	660 +/- 5%	740 +/- 5%	
Corrosion Resistance Class		ISO 12944	ISO 12944	
IP Class		IP 55	IP 55	
Energy content*	[kWh]	28	52	
Battery type		TERRA#05 (NMC)	TERRA#07 (NMC)	
Operating temperature battery	[°C]	-10 bis 50	-10 bis 50	

STANDARD

Power input (charging)	[kW]	11 kW (1x CEE 16A, 3 phase) / Optional: 30 kW PV 2x15 kW (MC4)	
Power output (discharging)	[kW]	20 kW / Optional: 60 kW with max. 3 stations combined	
Connection (optional according to customer requirements)		4x Schuko 16A / 230V (+ 2x in the equipment compartment) 3x CEE plug 400V / 16A / 3-phase 1x CEE plug 400V / 32A / 3-phase	
FI type at output		FI/LS TYP A / Optional: Typ B	
Autonomy at 1kW/5kW/20kW	[h]	30/6/1,5 (+/- 20%)	50/10/2 (+/- 20%)
Display		Status display (Charging, discharging, standby, error, remote control)	
Storage		Lockable, perforated panel with 2x shelves and 2x Schuko 16A / 230V	

OPTIONAL

Communication Connector (Gensets,...)	RS485 / CAN / Signal communication modbus
Accessories	Car trailer with pillars, charging cable, type 2 adapter, protective cover

* Nominal capacity within +/- 2%

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