

Data Sheet

MOBILE ENERGY STORAGE SYSTEM (BESS) / MOBILE UPS

Statron emost – Butler S
25 kWh, 50 kVA

The battery storage system is based on a proven Li-Ion UPS system (uninterruptible power supply) and a battery with mature Li-ion cell technology. It is developed for use in industry and commerce and can be used flexibly indoors and outdoors. The system can be operated in stand-alone mode or in combination with the power grid. The Statron **emost BUTLER** is your solution for mobile power applications.



Advantages

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	Economic: Best price/performance ratio compared to standard Diesel generators.
	Ecologic: CO ₂ -neutral power source. Can easily be used in in-room applications.
	No noise: Higher degree of comfort and safety as device generates no noise; can be used in sensible applications.
	High energy quality: Sensible technical devices can easily be used.
	Easy to be used: Easy transport and charging of the devices.
	Produced by STATRON: The systems are produced by Statron AG in Switzerland, a worldwide well-known quality supplier of UPS and battery systems.

Technical data

Battery System	
Dimensions (L x W x H)	1480 x 820 x 1105 mm
Weight	650 kg (excl. trailer)
Protection degree	IP54
Temperature	-20° C to +40° C ambient temperature
Cooling	air
External noise	<52 dB (distance of 1 m)
Charging	CEE plug 400 V, 32 A CEE plug, 400 V, 16 A
External plug	CEE plug 400 V, 32 A, CEE plug 400 V, 16 A, type 25, 16A

Electrical Parameter	
Frequency	50 Hz
Nominal Power	50 kVA (45 kW)
Overload	
100 – 110%	continuously (30 min. at 23° C)
110 – 125%	max. 10 min
125 – 150%	max. 1 min
>150%	max 0.2 sec
Charging time (full load)	<4.5 h (at max. 16 A charging current); 0° C
Battery capacity	min. 25 kWh at 23° C

Optionale Features	
most trailer	Trailer with special tank for the battery system +150 kg
Home-Charging (220 V)	1~charging (Typ 13 plug) + 30 kg
External plug	Option 1: Additional plug type 25, 16 A plug Option 2: Additional plug type CEE 400V 63 A plug *
Customized housing color	Coating paint in your corporate design
Operation	
Monitoring	Parameter and data of position are stored and can be made accessible via Web-application.
Transport	The transport of the battery system does not require no special permits and approvals (UN 3481 Lithium ion Batteries in Equipment). The battery weight is <333kg (battery mass) so the transport is also subject to the exemption according to 1.1.3.6 of the CoR. A trailer is optionally available.
Guarantee	Basis: 3 years or 5'000 working hours, what comes first

*The 63 A variant is suitable for frequency-controlled applications as well as other applications (e.g. cranes). For high starting currents of old loads with 63 A plug, we recommend the BUTLER M.

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