SMART AND BANKABLE LITHIUM STORAGE SYSTEMS

- ✓ Very attractive prices
- ✓ The smallest of our all in one solutions
- ✓ Plug & Play, easy to install
- ✓ Pay-As-You-Go ready
- ✓ High battery lifetime of 10 years

BOS SMART ENERGY STORAGE SYSTEMS WITH INTEGRATED LITHIUM (LiFePO₄) BATTERIES OFFER SUPERB PERFORMANCE AT COMPETITIVE COSTS.

HS 1 from BOS-AG is the smallest of our integrated energy solutions for powering small homes and micro businesses. It is an excellent solution to help many people in short time and with limited resources. The systems are designed for high volume installations in PayG set-ups. Integrated data logger and GSM module make remote logging and control access from anywhere in the world possible. This way, high-quality energy systems become affordable for everyone.

HS 1 comes with integrated lithium (LiFePO4) batteries and is prewired with all necessary energy components like battery balancer and MPPT charge controller. Plug & Play connections make the systems easy to install with no special tool requirements.

HS 1

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MAIN TECHNICAL DATA	HS 1 DC	HS 1 AC
Nominal system voltage	12 V	
Integrated lithium battery capacity	1280 Wh	
Output	DC	375 VA AC Pure sine wave inverter
Output voltage and frequency	12V	230 V/50 Hz or 120V/60 Hz
Continuous power output	16A	300W @ 25°C, 260W @ 40°C
Power output peak	16A circuit breaker, B characteristics	700W peak
Solar charger type	MPPT 100/30	
Max. PV open circuit voltage	100 V	
Max. charge current from PV	30 A	
Style of housing	Plastics Cabinet	
Housing dimensions WxHxL	600x400x200 mm	
Max. wire size	16mm²	
Weight	19 kg	22 kg
Features	Integrated display, Remote 2G access, Lithium balancing, Individually controlled AC outputs, overload-, overcurrent-, short-circuit-, deep-discharge-, wrong-polarity protection, USB charging port, PAYG remote control, Plug & Play	

NOTE: Changes to the products and the above specifications are subject to change anytime without notice. Please contact contact@bos-ag.com for more information.

DATASHEET IS SUBJECT TO CHANGE. REVISION MARCH 2020.