

# UniPower light



**POWER WHEREVER YOU WANT**

## INTRODUCTION:

The Unipower light is the small, powerful and universal lithium battery pack from SBS. Through our modular design you can configure voltage and capacity to fit your application. We are able to adapt many other special needs and requirements.

## TECHNICAL DATA:

- **VOLTAGE:** 12 V, 24 V, 36 V, 48 V
- **ENERGY:** up to 1000 Wh
- **POWER:** up to 3.8 kW
- **DIMENSIONS:** 323mm x 80mm x 230mm (5.5 liter)
- **WEIGHT:** 4,8 kg (13.4 lbs)
- **SPECIALS:**
  - » Battery-Management-System (BMS)
  - » Monitor cell, PCB temperature
  - » Control charge and discharge current
  - » Automatic disconnect at under- or overvoltage
  - » Control charge and discharge current
  - » Cell-balancing
  - » CAN-Bus, UART, I<sup>2</sup>C
  - » USB-Interface for service
  - » SOC (State of Charge) display



# PLASTIC FOIL KEYBOARD

- **Pushbutton**  
SOC (State of charge)  
ON/OFF

- **State of Charge**  
5 LEDs 20% each

- **HV LED**  
Output active

- **12V LED**  
12V system runs (optionally)

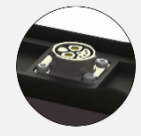
## SELECTABLE CONNECTORS



» **Weipu**  
IP67 caps  
Max. current: 60A  
6 IO's pins  
2 power pins

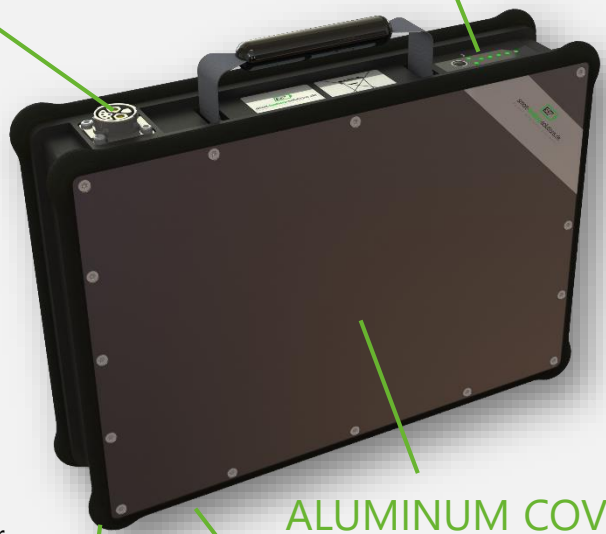


» **Rosenberger**  
Magnetic locking system  
Max. current: 40A  
4 IO's pins  
2 power pins



» **Chogori**  
Industrial connector  
Max. current: 50A  
6 IO's pins  
2 power pins

**Need another connector?**  
Please feel free to contact us!



## ALUMINUM COVER

- Choose your color!
- Custom brand

## BUMPER CASE

- Frame protection

## PLASTIC FRAME

- Choose your color!

## YOUR ADVANTAGES:

- Modern Li-Ion technology
- Fits your application
- Battery Management System
- No development costs
- Cluster usage possible
- Personalized (Brand, Color)

# ABOUT US

We coordinate all phases of the project for your success. Various departments are involved which focus on construction, project management, hardware and software. Design, toughness and functionality merge at the highest level - „Made in Germany“.

Through our efforts to continuously improve our processes, we have been able to establish production facilities, tools and processes, which will leave no open questions concerning efficiency and effectiveness.

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## SBS PERFORMANCE:

- BATTERYSYSTEMS
- PRODUCTION
- DEVELOPMENT
- CELLS
- CONSTRUCTION
- CHARGER
- CONSULTING
- WORKFLOW



Smart Battery Solutions GmbH  
Lindigstraße 8a  
63801 Kleinostheim

Fon 0 60 27 - 99 08 130  
[smart-battery-solutions.de](http://smart-battery-solutions.de)

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