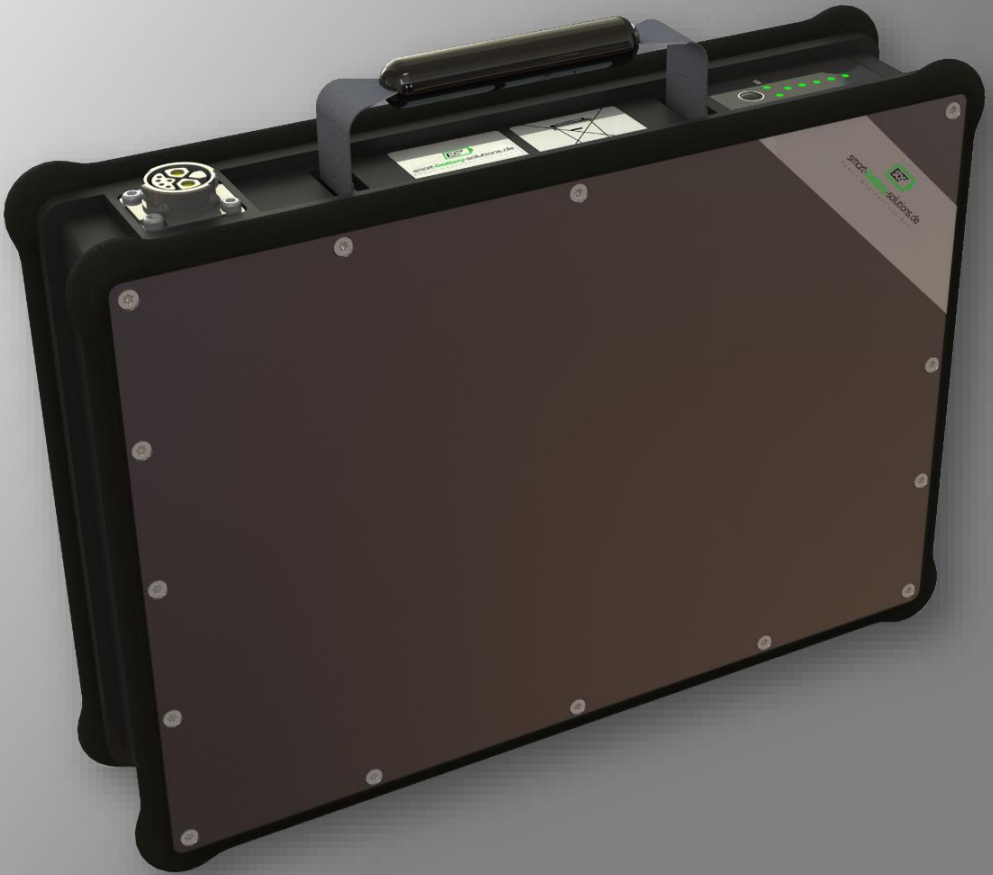




# UniPower light



POWER WHEREVER YOU WANT

## INTRODUCTION:

The Unipower LIGHT is a small, powerful and universal lithium battery pack from Smart Battery Solutions. Through our modular design we can configure voltage and capacity to fit your specific applications. We enabled the product to be adapted many 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:** 6,1 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

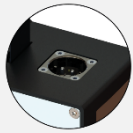
- **HV LED**  
Output active

- **12V LED**  
12V system

## CONNECTOR SELECTION



- » **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!



## BUMPER CASE

- Frame protection

## ALUMINUM COVER

- Choose your color!
- Custom brand

## PLASTIC FRAME

- Choose your color!

## YOUR ADVANTAGES:

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

# APPLICATIONS:



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# PERFORMANCES:

- BATTERY SYSTEMS
- PRODUCTION
- DEVELOPMENT
- CELLS
- CONSTRUCTION
- CHARGER
- CONSULTING
- WORKFLOW



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