



# UniPower S



POWER WHEREVER YOU WANT

## INTRODUCTION:

The Unipower S 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
- **CAPACITY:** 17.1 Ah / 20 Ah
- **ENERGY:** up to 1000 Wh
- **POWER:** up to 3.8 kW
- **DIMENSIONS:** 323 mm x 80 mm x 230 mm (5.5 liter)
- **WEIGHT:** 6,1 kg (13.4 lbs)
- **SPECIALS:**
  - » Battery-Management-System (BMS)
  - » Monitor cell & PCB temperature
  - » Controll charge and discharge current
  - » Automatic disconnect at under- or over
  - » Cell-balancing
  - » CAN-Bus, UART, I<sup>2</sup>C
  - » USB-Interface for service
  - » SOC (State of Charge) display
  - » Different plugs available

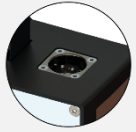
## PLASTIC FOIL KEYBOARD

- **Pushbutton**  
SOC (State of charge)  
ON/OFF
- **State of Charge**  
5 LEDs 20% each
- **HV LED**  
Output active
- **12V LED**  
12 V system

## CONNECTOR SELECTION



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



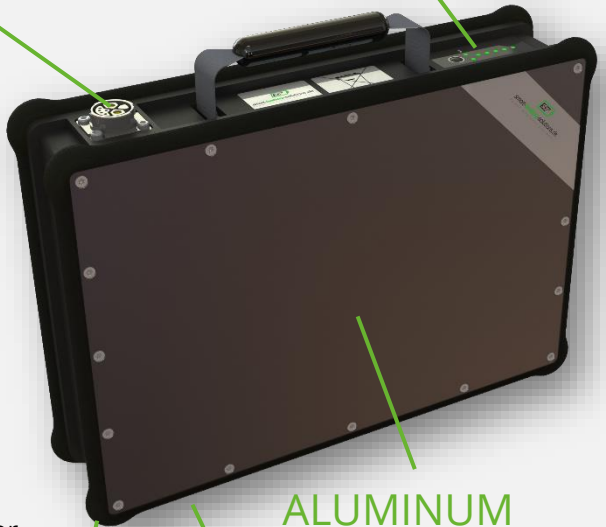
- » **Rosenberger**  
Magnetic locking system  
Max. current: 40 A  
4 IO's pins  
2 power pins



- » **Chogori**  
Industrial connector  
Max. current: 50 A  
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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