



# LBP-XELL

YOUR MODULAR LITHIUM POWER



**POWER WHEREVER YOU WANT**

## INTRODUCTION:

The LBP-Xell is a Lithium battery block which can be connected in different ways to generate the system voltage or capacity you need, to power your application.



## TECHNICAL DATA:

- **VOLTAGE:** 3.6 V
- **CAPACITY:** 171 Ah
- **ENERGY:** 616 Wh
- **POWER:** cont. 450 W, peak. 10000 W/20 s
- **DIMENSIONS:** 170mm x 212mm x 81mm (2.9 liter)
- **WEIGHT:** 3.7 kg (8 lbs)
- **SPECIALS:** » internal fuse  
» integrated temperature sensor for BMS

## YOUR ADVANTAGES:

- Modern Li-Ion technology (NMC)
- Suits your application
- Many configurations possible
- Cost efficient against LiFePO4

## EXAMPLE CONFIGURATION:

Four LBP-Xell modules connected in series e.g. 4s1p 14.4V/171 Ah.



## ACCESSOIRES:

- Copper connectors for electronical connection of the modules
- Dove tail connectors for mechanical connection of the modules
- NTC connections and cables

## POSSIBLE SYSTEM REQUIREMENTS:

This requirements can be optional depending on your system.

- Central BMS for single cell monitoring, cell temperature & gauging
- Main fuse
- Main relay's

# 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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## PERFORMANCES:

- 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)