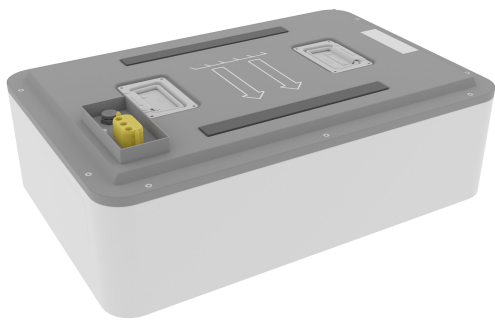


# PRODUCT DATASHEET

## LES HV-4K

HV BATTERY MODULE | High voltage stackable battery module



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### Areas of application

- Residential installations
- Commercial and industrial installations
- Utility installations

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### Product benefits

- High-voltage batteries provide superior performance compared to low-voltage batteries
- Compatible with different brands of inverters
- Easy and offline configuration
- Built-in explosion relief device
- Stacks are connected in series without cable connection
- Easy stack expanding without need for additional configuration
- 10 years of product guarantee
- Environmental friendly

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### Product features

- Stackable from 2 to 6 modules with up to 24.6 kWh in one stack (depending on the power of the inverter)
- Parallel connection possibility for more stacks
- Nominal voltage of 102.4 V
- Dedicated app on mobile phone for remote monitoring and management
- LiFePO4 battery type for stable and efficient operation over many years
- Protection rating: IP65
- Thermal management system

## TECHNICAL DATA

### Electrical data

|                                  |           |
|----------------------------------|-----------|
| Type of current                  | DC        |
| Nominal voltage                  | 102,4 V   |
| Number of phases                 | 1         |
| Nominal capacity of battery      | 4.096 kWh |
| Usable battery capacity          | 3.891 kWh |
| Max. depth of discharge          | 95 %      |
| Number of complete charge cycles | 6000      |

### Dimensions & Weight

|                |            |
|----------------|------------|
| Length         | 600.00 mm  |
| Width          | 400.00 mm  |
| Height         | 170.00 mm  |
| Product weight | 36000.00 g |

### Additional product data

|                                  |             |
|----------------------------------|-------------|
| Model                            | Lithium ion |
| Ambient temperature range        | 0...+35 °C  |
| Suitable for emergency power     | Yes         |
| Suitable for indoor installation | Yes         |
| Outdoor application              | No          |
| Type of protection               | IP65        |

## EQUIPMENT / ACCESSORIES

- Built-in handles for easier carrying

## DOWNLOAD DATA

### Documents and certificates



User instruction



Declarations Of Conformity CE



Product Family Datasheet

## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4099854199868 | Shipping box<br>1            | 675 mm x 475 mm x 270 mm             | 40100.00 g   | 86.57 dm <sup>3</sup> |

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

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### References / Links

– For Guarantee see [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)

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### DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.