

# PRODUCT DATASHEET

## LMS 2K F2



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### Areas of application

- Residential installations
- Both roof and balcony systems

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### Product benefits

- Flexibility for panel layout and expansion
- Outdoor applications only
- No additional Wi-Fi transmitter needed
- Easy operation and installation
- Cooling by natural convection
- 12 years of product guarantee

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### Product features

- Compact size
- Type of protection: IP67
- Wi-fi communication
- Wide operating temperature range: -40...+65 °C

## TECHNICAL DATA

### Electrical data

|                                        |              |
|----------------------------------------|--------------|
| Output phases                          | Single phase |
| Max. input power DC                    | 2500 W       |
| Input voltage DC                       | 60 V         |
| MPP voltage                            | 30-48 V      |
| Max. input current DC                  | 72 A         |
| Max. input current DC per string input | 18 A         |
| Max. input current DC per MPP tracker  | 30 A         |
| Number of independent MPPT inputs      | 4            |
| String connections per MPPT input      | 2            |
| Number of string connections           | 2            |
| Number of applicable PV modules        | 4            |
| Nominal output power AC                | 2000 W       |
| Power consumption                      | <0.1 W       |
| Usable battery capacity                | No           |

### Dimensions & Weight

|                |           |
|----------------|-----------|
| Length         | 320 mm    |
| Width          | 48 mm     |
| Height         | 293 mm    |
| Product weight | 6400.00 g |

### Additional product data

|                                |                |
|--------------------------------|----------------|
| Integrated DC switch           | No             |
| Connection DC for battery      | No             |
| Suitable for emergency power   | No             |
| Charging controller integrated | No             |
| With data logging              | Yes            |
| Wireless                       | Yes            |
| Ethernet                       | No             |
| Integrated transformer         | Yes            |
| Type of connection             | MC4-Compatible |
| Temperature range in operation | -45...+65 °C   |
| Ambient temperature range      | -45...+65 °C   |
| Outdoor application            | Yes            |
| Type of protection             | IP67           |
| Product color                  | Black          |

### Efficiency

|                              |        |
|------------------------------|--------|
| Maximum efficiency           | 95 %   |
| European efficiency          | 93.5 % |
| CEC efficiency (US products) | 93.5 % |

## EQUIPMENT / ACCESSORIES

- Additional DC connectors for the outlets on the microinverter are included
- AC connector included
- Mounting screws included
- Antenna included

## DOWNLOAD DATA

| Documents and certificates                                                       |                                        | Document name     |
|----------------------------------------------------------------------------------|----------------------------------------|-------------------|
|  | User instruction / safety instructions | LMS-2K F2         |
|  | Declarations of conformity             | LMS 0.4 0.8 2K F2 |
|  | Product family datasheet               | LMS-2K F2         |

## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4099854583582 | Folding box<br>1             | 465 mm x 340 mm x 79 mm              | 7400.00 g    | 12.49 dm <sup>3</sup> |
| 4099854583599 | Shipping box<br>3            | 470 mm x 355 mm x 275 mm             | 23200.00 g   | 45.88 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.

## References / Links

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

## DISCLAIMER

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