

PRODUCT DATASHEET

LMS 0.4K F2

Areas of application

- Residential installations
- Both roof and balcony systems

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

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	480 W
Input voltage DC	60 V
MPP voltage	27-45 V
Max. input current DC	16 A
Max. input current DC per string input	16 A
Max. input current DC per MPP tracker	30 A
Number of independent MPPT inputs	1
String connections per MPPT input	1
Number of string connections	1
Number of applicable PV modules	1
Nominal output power AC	400 W
Power consumption	<0.03 W
Usable battery capacity	No

Dimensions & Weight

Length	197 mm
Width	36 mm
Height	195 mm
Product weight	1600.00 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	94 %
CEC efficiency (US products)	94 %

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-0.4K F2
	Declarations of conformity	LMS 0.4 0.8 2K F2
	Product family datasheet	LMS-0.4K F2

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854583544	Folding box 1	340 mm x 325 mm x 55 mm	2400.00 g	6.08 dm ³
4099854583551	Shipping box 6	355 mm x 345 mm x 350 mm	15400.00 g	42.87 dm ³

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

DISCLAIMER

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