PRODUCT DATASHEET
LS 2.5K F2-DC-AFCI-WIET

Areas of application

– Residential installations

PERFOR-
MANCE
CLASS

Product benefits

– 10 years of product guarantee
– Built-in LCD display
– Low startup voltage starting from 60 V
– AFCI protection, proactively reduces fire risk
– Level II surge protection on AC and DC side

Product features

– Cooling by natural convection
– Integrated DC switch
– Protection rating: IP66
– Original Stäubli MC4 connectors

TECHNICAL DATA

Electrical data

Output phases	Single phase
Max. input power DC	3.75 kW
Input voltage DC	250 V
MPP voltage	50 - 450 V
Max. input current DC	14 A
Max. input current DC per string input	14 A
Max. input current DC per MPP tracker	14 A
Number of independent MPPT inputs	2
String connections per MPPT input	1
Nominal output power AC	2.5 kW
Power consumption	<1 W

Dimensions & Weight

Length	310 mm
Width	160 mm
Height	543 mm
Product weight	11000.00 g

Additional product data

Integrated DC switch	Yes
Connection DC for battery	No
Suitable for emergency power	No
Charging controller integrated	No
With data logging	Yes
Wireless	Yes
Display	Standard
Ethernet	Yes
Integrated transformer	No
Type of connection	Staubli MC4
Temperature range in operation	-25…+60 °C
Ambient temperature range	-25…+60 °C
Outdoor application	No
Type of protection	IP66
Product color	White

Efficiency

Maximum efficiency	97.30 %

European efficiency	96.50 %

EQUIPMENT / ACCESSORIES

– Mounting bracket included
– Data logger included
– AC connector included
– Supplied with user manual
– Additional DC connectors for the outlets on the inverter
– RJ45 connector included
– Fastening screws included

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	Declarations of conformity	CE declaration_LS-2.5K-6K
PDF	Product family datasheet	LS 2-6K F2

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854168185	Shipping box 1	639 mm x 372 mm x 230 mm	11943.00 g	54.67 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

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