PRODUCT DATASHEET
LT 80K F1-DC-WIET

Areas of application

– Commercial and industrial installations
– Utility installations

Product benefits

– 10 years of product guarantee
– Built-in LCD display
– Wide output voltage range
– Versions with AFCI and PID available
– Level II surge protection on AC and DC side
– Automatic voltage stabilization technology in weak grid conditions
– Compatible with different energy meters
– Easy installation

Product features

– Smart fan cooling
– Integrated DC switch
– Offline configuration
– Remote updates of the software

TECHNICAL DATA

Electrical data

Output phases	3-phase
Max. input power DC	104 kW
Input voltage DC	600 V
MPP voltage	200 - 850 V
Max. input current DC	40 A
Max. input current DC per string input	10 A
Max. input current DC per MPP tracker	40 A
Number of independent MPPT inputs	4
String connections per MPPT input	4
Nominal output power AC	80 kW
Power consumption	<1 W

Dimensions & Weight

Length	700 mm
Width	297 mm
Height	575 mm
Product weight	60000.00 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	MC4-Compatible
Temperature range in operation	-25…+65 °C [1]
Ambient temperature range	-25…+65 °C
Outdoor application	No
Type of protection	IP65
Product color	White

[1] > 45℃ derating

Efficiency

Maximum efficiency	98.70 %
European efficiency	98.30 %

EQUIPMENT / ACCESSORIES

– Mounting bracket included
– Data logger included
– Allen key included
– Supplied with user manual
– Additional DC connectors for the outlets on the inverter
– RS485 connector included
– Mounting stainless steel screws included
– Stainless steel anti-collision bolts included

DOWNLOAD DATA

	Documents and certificates
PDF	User instruction
PDF	Declarations Of Conformity CE
PDF	Product Family Datasheet

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075835337	Shipping box 1	845 mm x 785 mm x 430 mm	63653.00 g	285.23 dm³

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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