PRODUCT DATASHEET
LHT-HV 15K F2

Areas of application

– Residential installations

Product benefits

– 10 years of product guarantee
– Compatible with many energy storage systems manufacturers
– Possible selection of different work modes
– Inverter is powered by the grid or the battery and is independent of the PV panels
– Bluetooth connection possible
– Charge / discharge of the energy storage system is faster than with LV version
– AFCI protection, proactively reduces fire risk

Product features

– 1 battery input
– Cooling by natural convection
– Protection rating: IP66
– Original Stäubli MC4 connectors
– Up to 50 A of charging/discharging current
– UPS level switching time (< 10 ms) supporting critical loads all the time

TECHNICAL DATA

Electrical data

Output phases	3-phase
Max. input power DC	15 kW
Input voltage DC	600 V
MPP voltage	200-850 V
Max. input current DC	20 A
Max. input current DC per string input	20 A
Max. input current DC per MPP tracker	20 A
Number of independent MPPT inputs	4
String connections per MPPT input	1
Nominal output power AC	15 kW
Power consumption	<25 W

Dimensions & Weight

Length	563 mm
Width	546 mm
Height	235 mm
Product weight	31700.00 g

Additional product data

Integrated DC switch	Yes
Connection DC for battery	Yes
Suitable for emergency power	Yes
Charging controller integrated	Yes
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	98,50 %

European efficiency	97,50 %

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	User instruction / safety instructions	LHT-HV
PDF	User instruction / safety instructions	LHT-HV-12-20K F2
PDF	Declarations of conformity	CE Certificate LHT-HV 12-20K F2
PDF	Product family datasheet	LHT-HV-12-20K F2

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854438486	Shipping box 1	645 mm x 695 mm x 343 mm	32470.00 g	153.76 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

DISCLAIMER

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