PRODUCT DATASHEET
LES LV-5K

LV BATTERY GEN 1 | Low voltage stackable battery module with integrated battery management system (BMS)

Areas of application

– Residential installations
– Commercial applications

Product benefits

– Compatible with different brands of inverters
– Easy and offline configuration
– Built-in pressure relief valve
– Stacks are connected in parallel
– 10 years of product guarantee
– Environmental friendly

Product features

– Already built-in battery management system (BMS) with working range from 40.0 - 58.4 V
– Control box included in every battery module
– Stackable from 1 to 4 modules with up to 20.5 kWh in one stack
– Dedicated app on mobile phone for remote monitoring and management
– LiFePO4 battery type for stable and efficient operation over many years
– Protection rating: IP65
– SOC LED display for battery energy level status
– Charging / discharging current of 50 A (nominal) and 100 A (peak)
– Thermal management system

TECHNICAL DATA

Electrical data

Type of current	DC
Nominal voltage	51,2 V
Number of phases	1
Nominal capacity of battery	5.12 kWh
Usable battery capacity	4.864 kWh
Max. depth of discharge	90 %

Dimensions & Weight

Length	680.00 mm
Width	380.00 mm
Height	152.50 mm
Product weight	46000.00 g

Additional product data

Model	Lithium ion
Ambient temperature range	0…+35 °C
Suitable for emergency power	Yes
Suitable for indoor installation	Yes
Outdoor application	No
Type of protection	IP65

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	User instruction / safety instructions	LES-LV-5K
PDF	Extended installation guide	LES-LV-5K
PDF	Declarations of conformity	LES-LV battery
PDF	Product family datasheet	LES LV 5K

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854199882	Shipping box 1	755 mm x 230 mm x 465 mm	50100.00 g	80.75 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.