

KADLULV

KADLU LV is a fully integrated battery system for residential and light commercial use. Powered by a high-performance lithium iron phosphate battery cells from CATL.

Its user-friendly electrical interface connects easily to any home or building. With a compact, energy-dense design, installation is quick and efficient, providing reliable power storage right away.

KADLU LV | Power That Never Lets You Down



BATTERY ENCLOSURE

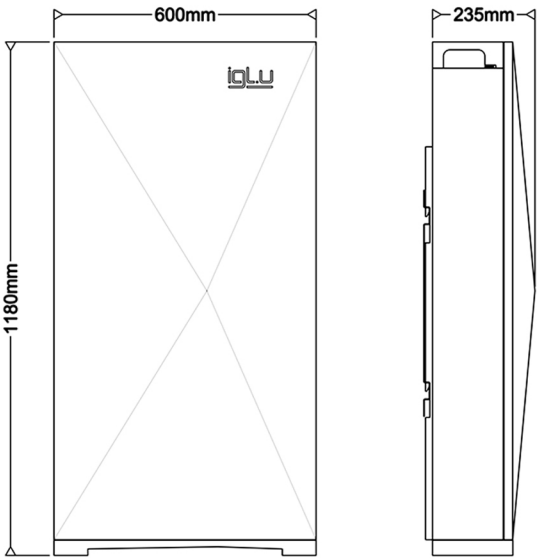
Battery Type	CATL LiFePO4 (LFP) 100Ah
Number of Battery Units	2 Battery packs
Nominal Battery Energy	10.24 kWh
Nominal Voltage	51.2 V
Working Voltage Range	44.8 – 57.6 V
Nominal Current ¹	100 A
Rated Power ¹	5,12 kW (Charge/Discharge)
Parallel Quantity	Max. 5 sets in parallel (50KWh)
Working Temp. Range	Charging 0~55°C Discharging -20~55°C
Communication	CAN/RS485/Wi-Fi
Product warranty ²	5 Years
Performance warranty ²	10 Years
Cycle life ²	6000 @ 90% DoD

¹Performance may be de-rating in extreme ambient environmental conditions
²Working Condition 0.5 C @ 25°C, 90% DoD, 1 cycle per day



MECHANICAL SPECIFICATIONS

Dimensions	1180 mm x 600 mm x 235 mm
Weight	143 kg
Mounting options	Floor or wall mount



CONNECTOR / CABLE SPECIFICATION

Battery Connectors	Phoenix Contact 250 A
Battery Cable Rating	250 A
Battery Cable Type	50 mm ²
Certificate	IEC 62619, UN38.3
Environment	Indoor/Outdoor
Protection Level	IP65

Data in this document are subject to change without notice and become contractual only after written confirmation.