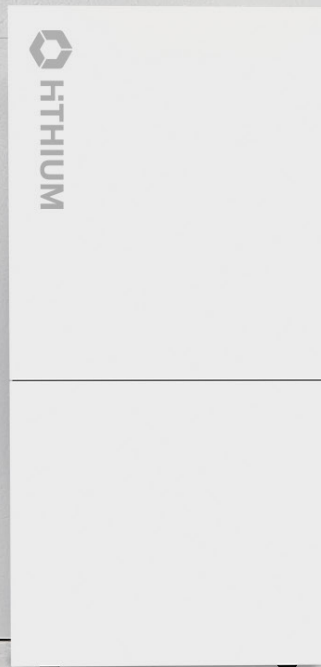
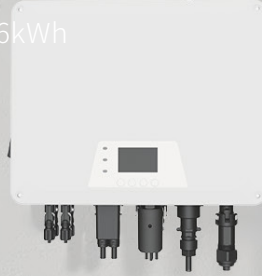


ARKVOLT L16S

Revolutionary split-design Low-Voltage 200A 16kWh home battery, easy handling & installation



Unique Split-type LV battery

- 8kWh per module
- Stack-to-plug fast installation
- Scalable up to 512kWh



Optimized for Residential demands

- Up to 200A high operating current
- Ideal with 8+kW inverters
- Compact and slim saving space



Long Cycle Life LFP technology

- Grid-proven LFP cells
- 8000 cycles lifespan
- Low heat production



Outdoor-Ready, Robust Design

- IP65 rated enclosure
- Optional heating function

PRODUCT DETAILS

Model	HPB-16LV-S 【ARKVOLT L16S】
Battery Type	LiFePO ₄
Battery Capacity	16.07kWh
Nominal capacity	314Ah
Battery Cycles	≥8000 cycles, @25°C, @0.5C, @90%DOD, @70%EOL
Nominal Voltage	51.2V
Operation voltage range	44.8V~57.6V
Recommend charging current	≤157A
Recommend discharging current	≤157A
Max. charging current	200A
Max. discharging current	200A
Communications	RS485 / CAN
Scalability	Up to 32 batteries in parallel
Weight	Approx. 137.5kg
Dimensions	L480*W278*H1025mm
Operation temperature range	Charge -20~55°C Discharge -20~55°C
IP Rating	IP65
Humidity	10%~90%
Certifications	CE, IEC62619, IEC62040, UN38.3, MSDS, RoHS, REACH

*The above is for reference only, the specification sheet shall prevail.

