

# Bt-5-LS-A1

Low Voltage Battery **5-30kWh**



\* Product appearance may vary



51.2V



5.12kW



5.12kWh



## Safe & Reliable

Lithium iron phosphate (LFP) chemistry ensures high safety, long cycle life, and stable performance.



## Easy Installation

Compact design with simplified wiring enables quick and hassle-free installation.



## Expandable Capacity

Modular design supports flexible capacity expansion to meet different energy demands.



## Indoor-Ready Protection

IP40-rated enclosure provides reliable protection for safe and stable indoor operation.

Model	Bt-5-LS-A1
Nominal voltage	51.2V
Nominal energy	5.12kWh
Nominal capacity	100Ah
IP rating	IP41
Output power	5.12kw
Voltage range	43.2-58.4V
Charge voltage	55.2-58.4V
Charge current	100A
Discharge current	100A
Charge mode	CC-CV
Scalability	Max. 16 Units in Parallel (Max. 6 Units each pallet)
Communication	CAN/RS485/RS232/ Dry Contact
Charge temperature	0-55°C
Discharge temperature	-20-60°C
Cycle life	>6000(@25°C,80% DOD)
Weight	45 kg
Dimension	531*421*155mm
Safety & Certification	UN38.3/MSDS/CE