

# Bt-16-LW-A1

Low Voltage Battery **16.08kWh**



May Luck Ener Be With You

\* Product appearance may vary



51.2V



10.24kW



16.08kWh



## 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-16-LW-A1
Nominal voltage	51.2V
Nominal energy	16.08kWh
Nominal capacity	314Ah
IP rating	IP41
Output power	10.24kw
Voltage range	43.2-58.4V
Charge voltage	55.2-58.4V
Charge current	200A
Discharge current	200A
Charge mode	CC-CV
Scalability	Max. 16 Units in Parallel
Communication	CAN/RS485/RS232/ Dry Contact
Charge temperature	0-55°C
Discharge temperature	-20-60°C
Cycle life	>6000(@25°C,80% DOD)
Weight	116kg
Dimension	835*450*230mm
Safety & Certification	UN38.3/MSDS/CE