

Bt-10-LW-A1

Low Voltage Battery **10.54kWh**



* Product appearance may vary



51.2V



8.19kW



10.54kWh



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

IP41-rated enclosure provides reliable protection for safe and stable indoor operation.

Model	Bt-10-LW-A1
Nominal voltage	51.2V
Nominal energy	10.54kWh
Nominal capacity	206Ah
IP rating	IP41
Output power	8.19kw
Voltage range	43.2-58.4V
Charge voltage	55.2-58.4V
Charge current	120A
Discharge current	160A
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	82kg
Dimension	750*485*194mm
Safety & Certification	UN38.3/MSDS/CE