

# ELMARK<sup>®</sup>

The Brand of Electricity

UHOME- LFP BATTERY 10000W, 48V



## Key features»

- LITHIUM PHOSPHATE LIFEPO4 BATTERY
- Works Seamlessly with most inverters
- Digital monitoring system APP
- High inverter compatibility
- Reliable LFP cells
- CANbus standard connection
- Natural cooling system
- Scalable up to 20-40kWh (4 Parallel)
- 10 Years limited warranty
- IP65.



## Technical data »

Total Energy - 10kWh

Usable Energy(DC) - 9.2kWh

Nominal Dis-/Charge Power - 4.6kW

Peak Power(Only Discharge) - 10kW for 3s

Constant Current(Only Discharge) - 120A

Voltage - 48~56Vd.c

Nominal Voltage - 51.2Vd.c

Nominal Current - 90A

Max. Charge Voltage - 57.6Vd.c

Weight - 96kg

Operating Condition - Indoor or outdoor

Operating Temperature – Charge: From 0~45°C; Discharge: From -10~50°C

Cooling Type - Natural cooling

Case Material - Metal + Plastic

Installation - Free standing

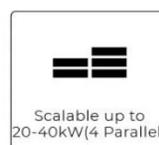
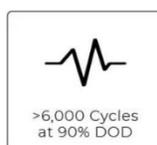
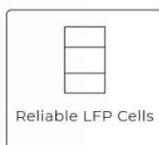
IP rating - IP 65

Protective Class – 1

Max. Number of Parallel – 4

Communication - CAN/ RS485

Battery Protection - Over-current/Over-voltage/Short circuit/ Under-voltage/Over temperature



# TECHNICAL SPECIFICATION SHEET

## [Dimension »](#)

Catalog number	Length	Hight	Depth
98BAT10000LFP	528	820	238

