

# EL<sup>®</sup>MARK

## The Brand of Electricity

### LIFEPO4 HIGH VOLTAGE ENERGY STORAGE BATTERY FOR THREE PHASE HYBRID INVERTERS ELMARK



This type of battery offers many advantages, such as longer life, no maintenance, outstanding safety and improved discharge and charge efficiency compared to lead-acid batteries. They are suitable for high power storage, for frequent loads and for installation on the ground. ELMARK guarantees that high voltage LFP batteries have more than 6000 cycles of deep discharge at 90% of the battery capacity.

## Key features»

- Environmentally friendly product, non-toxic and non-polluting environment
- The material used to make the product is made of LiFePO4 for safe use and numerous life cycles.
- Smart O&M: Check the APP to find data on your phone. Remote diagnosis and OTA.
- It has its own cooling system at low noise levels.
- Low self-discharge rates.
- It does not remember situations where a shallow charge or discharge is required.
- The operating temperature range is from -20° to 55°C (When charging 0~55°C; When discharging -20~55°C)
- Compact and modern design.
- Compatible with all three-phase hybrid inverters ELMARK.

## Technical data »

- Battery type: LiFePO4
- Installation: Ground-mounting
- Max. Discharge/Charge Current: 35A
- Protection Level: IP65
- Cycle Life: >6000, 90%DOD
- Transportation SOC: 30%
- Working Temperature: When charging 0~55°C; When discharging -20~55°C

Catalog number	Voltage Working range	Nominal Voltage	Nominal Capacity	Weight (kg)
98BAT10000HV	153V-213V DC	192V DC	10kWh	105
98BAT15000HV	230V-319V DC	288V DC	15kWh	152,3
98BAT20000HV	306V-426V DC	384V DC	20kWh	199,5



**Built In BMS**  
Battery modular with Built in high quality BMS. Protect battery cells all the way



**Scalable**  
Battery modular is scalable for any larger Storage System. Allowed 16pcs in parallel



**Installation Easy**  
Wall mount or ground stack brick Simply connecting to inverter. Ready to enjoy.



**Safety**  
With Lithium iron phosphate battery. Stay safe with battery storage at Home



**Long Life Span**  
15-20 years Life design. Up to 6000 + Cycle life



**OEM Supported**  
Low MOQ for OEM order. Built your own brand. Much easier with OSM



Power Distribution Unit  
SOC: ALM and ELIN Indicators: RS485 / CAN  
Communication: Compatible with three phase Hybrid Inverters



ground HV2500 N PACK  
48v: 52Ah 2.58Wh series connected for HV  
Battery: NO Cable: Seat & plug design:24.96kg  
Quick install



Basement

## Dimension »

Catalog number	Width (mm)	Height (mm)	Depth (mm)
98BAT10000HV	606	900	220
98BAT15000HV	606	1240	220
98BAT20000HV	606	1580	220