

LFP-HV32-10



High Voltage Energy Storage Battery



Battery Module	LFP-HV32-10			
Number of Modules	2	3	4	5
Energy Capacity	20.48kWh	30.72kWh	40.96kWh	51.2kWh
Max. Output Current	50A	50A	50A	50A
Nominal Voltage	204.8V	307.2V	409.6V	512V
Operating Voltage	192~224V	288~336V	384~448V	480~560V
Dimensions (L/D/W)	780x520x590mm	780x520x755mm	780x520x920mm	780x520x1085mm
Weight(KG)	≈242Kg	≈327Kg	≈412Kg	≈497Kg
Battery Cell Type	LiFePO4 Battery(Lithium iron phosphate battery)			
Standard Charge / Discharge Current	30A / 0.3C			
Enclosure Protection Rating	IP20			
Round-trip Efficiency	≥95%			
Operation Tem.	-10°C to +50°C			
Applications	ON Grid / ON Grid + Backup / OFF Grid			
Communication Port	CAN/RS485			
BMS Monitoring Parameters	SOC,System voltage,Current,Cell voltage, Cell temperature			
Certification & Licensing	CE / UN38.3 / MSDS			

* Usable DC capacitance,these conditions:100% DOD,0.2C charge and discharge at +25°C; usable capacitance may depend on inverter

* Power is throttled from -10°C to 5 °C