



BatterBach



High efficiency lithium-iron phosphate battery (LiFePO4)

Maximum discharge rate of 2C ($\leq 144A$, Consistent $\leq 116A$)

Advanced BMS for Improved performance and protection

Modular for an extended battery bank (≤ 16 Batteries)

Compatible with a wide range of inverters (see below)

Datasheet	Hope 3.3I-C1
Basic parameter	
Rated Voltage	51.2V
Nominal capacity	72Ah 3.686kWh
Size	
Height	222.6mm
Width	438mm
Length	500mm
Weight	About 42kg
Electrical parameter	
Charge mode	CC/CV/CP
Charging current	36A (0.5C @25°C)
Charging cut-off Voltage	57.6V
Discharge mode	CC/CP
Discharging cut-off voltage	32.0V
Discharge current	Depends on the customer -20°C~10°C : $\leq 72A$ 10°C~35°C : $\leq 144A$ 35°C~45°C : $\leq 72A$ 45°C~55°C : $\leq 36A$
Working condition	
Working Temperature	Charge: 0~+50°C Discharge: -20~+55°C
Storage Environment Temperature	-20~+45°C (three months) -20~+25°C (one year)
Storage humidity	Non-condensing
Shipment status	Voltage: 52V~52.96V SOC: 30%~40%

