



**BatterØch**



- 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 ( $\leq 16$  Batteries)
- Compatible with a wide range of inverters (see below)

Datasheet	Hope 3.3I-C1
<b>Basic parameter</b>	
Rated Voltage	51.2V
Nominal capacity	72Ah 3.686kWh
<b>Size</b>	
Height	222.6mm
Width	438mm
Length	500mm
Weight	About 42kg
<b>Electrical parameter</b>	
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: $\leq 36A$
<b>Working condition</b>	
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%

