



# RESIDENTIAL ENERGY STORAGE BATTERY (Wall-mounted)

**IONLP16-48200**



## RESIDENTIAL ENERGY STORAGE BATTERY // IONLP16-48200



**High efficiency**  
Max. efficiency 95%



**Eco-Friendly**  
Clean energy



**Built in BMS**  
Charge & discharge protection



**Long Lifespan**  
Sustainable long cycles



**Support**  
up to 15 parallel expansion,  
Support Bluetooth



**LED display**  
for voltage, current, temperature,  
convenient for users to query



**Compatible**  
with mainstream inverters in the market,  
providing more options



**Built-in BMS**  
provides multiple protection functions

# Residential Energy Storage Battery (Wall-mounted) IONLP16-48200



## Specifications

Item	Parameters
Specifications and models	IONLP16-48200
Nominal voltage	51.2V
Nominal capacity	200Ah
Maximum continuous charge/ discharge current	200A/200A
Discharge voltage/Maximum charge	43.2 V/58.4 V
Weight	87.1kg
Dimensions(W×D×H)(mm)	500x620x245
Cycle life	6000 cycles @ 80% DOD
Max number of parallel connections	15
Self-discharge (month)@25°C	≤3%
BMS communication types	RS485/RS232/CAN
Cooling Mode	Free Cooling
IP Class	IP54
Display Fuction	LCD Display
Design Life	15 Years
Storage Temperature	-20°C to 60°C
Operate Temperature	charge: 0°C to 45°C; discharge: -10°C to 55°C
Relative Humidity	5% to 95%
Working Pressure	61kPa~113kPa