



RESIDENTIAL ENERGY STORAGE BATTERY (Wall-mounted)

IONLP16-48100



RESIDENTIAL ENERGY STORAGE BATTERY // IONLP16-48100



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) IONLP16-48100



Specifications

Item	Parameters
Specifications and models	IONLP16-48100
Nominal voltage	51.2V
Nominal capacity	100Ah
Maximum continuous charge/ discharge current	100A/100A
Discharge voltage/Maximum charge	43.2 V/58.4 V
Weight	45kg
Dimensions(W×D×H)(mm)	450x500x140
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	IP31
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