

RESIDENTIAL ENERGY STORAGE BATTERY (Wall-mounted)

IONLP16-48100

RESIDENTIAL ENERGY STORAGE BATTERY // IONLP16-48100

High efficiency
Max. efficiency 95%

Support
up to 15 parallel expansion,
Support Bluetooth

Eco-Friendly
Clean energy

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

Built in BMS
Charge & discharge protection

Compatible
with mainstream inverters in the market,
providing more options

Long Lifespan
Sustainable long cycles

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)@25ºC	≤3%
BMS communication types	RS485/RS232/CAN
Cooling Mode	Free Cooling
IP Class	IP31
Display Fuction	LCD Display
Design Life	15 Years
Storage Temperature	-20ºC to 60ºC
Operate Temperature	charge: 0ºC to 45ºC; discharge: -10ºC to 55ºC
Relative Humidity	5% to 95%
Working Pressure	61kPa~113kPa