



High Voltage Lithium Battery

Household energy storage/
Commercial and industrial energy storage/
Back-up power supply/
UPS(Uninterrupted power source)/

Safety and Reliability

Ensured by self-designed and
manufactured cell, modules and BMS

Optimal Electricity Cost

Long cycle life and superior performance

Compact Size & Easy Installation

Module design for quick installation

Easy to Scale Up

Multi-groups in parallel to expand the capacity

Compatibility

Compatible with Top inverter brands

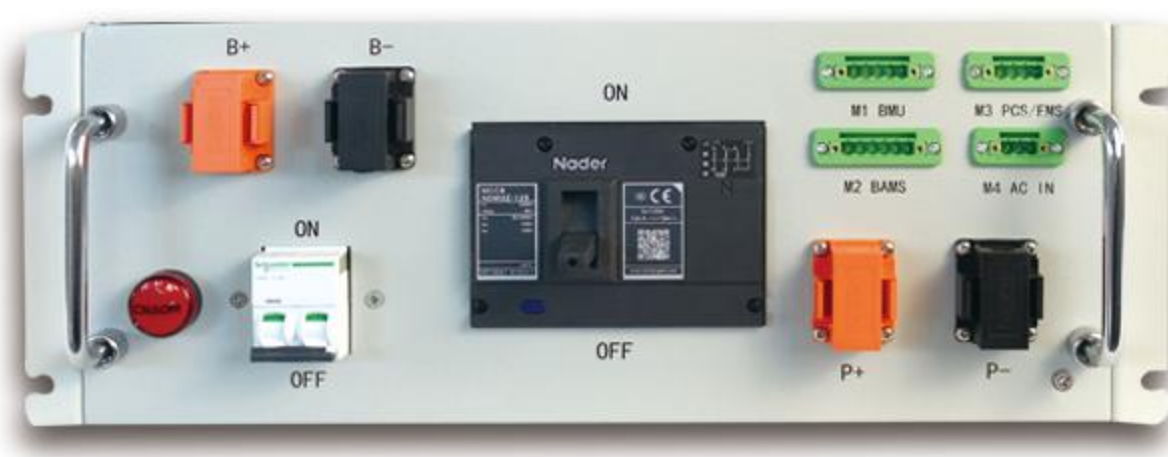
SPECIFICATION

400V/0.5C

Model



Battery modules



High voltage box

Basic Parameters

Model	LFP48100	LFP51100	LFP25200
Nominal voltage	48V	51.2V	25.6V
Nominal capacity	4800Wh	5120Wh	5120Wh
Usable capacity	4320Wh	4608Wh	4608Wh
Design life	10+year	10+year	10+year
Dimension	482*430*178 (MM)	482*430*178(MM)	482*430*178(MM)
Weight	46.3KG	48.8KG	48.8KG
Cycle life	≥4000@25℃	≥4000@25℃	≥4000@25℃
Discharge voltage	42V	44.8V	22.4V
Charge voltage	54V	57.6V	28.8V
Charge/Discharge current	50A (Recommended) 100A (3S)	50A (Recommended) 100A (3S)	100A (Recommended) 200A (3S)
Internal resistance	≤50mΩ	≤50mΩ	≤50mΩ
Power consumption	≤10W	≤10W	≤10W
Monitoring	System voltage Cell voltage Cell temperature System current SOC	System voltage Cell voltage Cell temperature System current SOC	System voltage Cell voltage Cell temperature System current SOC
Communication	CAN/RS485	CAN/RS485	CAN/RS485
Operation temperature	0~40℃	0~40℃	0~40℃
Storatge temperature	-20~70℃	-20~70℃	-20~70℃
Humidity	15~80%	15~80%	15~80%

SPECIFICATION

800V/1C



Battery modules



High voltage box

Model

Basic Parameters

Model	LFP76120
Nominal voltage	76.8V
Nominal capacity	9216Wh
Usable capacity	8294Wh
Design life	10+year
Dimension	527*677*202(MM)
Weight	86KG
Cycle life	≥4000@25℃
Discharge voltage	67.2V
Charge voltage	86.4V
Charge/Discharge current	120A (Recommended) 150A (3S)
Internal resistance	≤50mΩ
Power consumption	≤10W
Monitoring	System voltage Cell voltage Cell temperature System current SOC
Communication	CAN/RS485
Operation temperature	0~40℃
Storatge temperature	-20~70℃
Humidity	15~80%

SPECIFICATION

(800V/1200V)0.5C



Model

Battery modules

High voltage box

Basic Parameters

Model	LFP51280	LFP51314
Nominal voltage	51.2V	51.2V
Nominal capacity	14336Wh	16076.8Wh
Usable capacity	12902Wh	14469Wh
Design life	10+year	10+year
Dimension	825*430*240 (MM)	885*434*238.2 (MM)
Weight	108KG	108KG
Cycle life	≥6000@25℃	≥6000@25℃
Discharge voltage	44.8V	44.8V
Charge voltage	57.6V	57.6V
Charge/Discharge current	140A (Recommended) 280A (3S)	157A (Recommended) 314A (3S)
Internal resistance	≤50mΩ	≤50mΩ
Power consumption	≤10W	≤10W
Monitoring	System voltage Cell voltage Cell temperature System current SOC	System voltage Cell voltage Cell temperature System current SOC
Communication	CAN/RS485	CAN/RS485
Operation temperature	0~40℃	0~40℃
Storatge temperature	-20~70℃	-20~70℃
Humidity	15~80%	15~80%