



Capacity 30kWh

sufficient to store the daily production of a small photovoltaic installation (up to 8kWp).

Safe LiFePO₄ chemistry

Lithium-iron-phosphate design without cobalt eliminates the risk of rapid temperature rise.

Top cell manufacturers

lifespan up to 8000 cycles.

Intelligent protection

The BMS prevents overcharging, excessive discharging, and ensures operation under optimal conditions.

Connection module

allows installation away from the photovoltaic inverter and distribution board.

allows for an expansion of the energy storage system's capacity

Home 30/190A TECHNICAL SPECIFICATION



Voltage and capacity

Nominal voltage	51.2V
Max. operating voltage range	42.0-58.4V
Nominal operating voltage range	48.0-54.4V
Capacity	584Ah 29.9kWh
Cycle life	≥ 8000 cycles*
Efficiency	94%
Configuration	2P16S

Operating conditions

Charge temperature	0°C~40°C
Discharge temperature	-5°C~40°C
Storage < 3m	-5°C~35°C
Storage > 6m	25°C
Humidity	5~80%
Altitude	<3000m

Charge and discharge

Model	30/190
Max. charge current	190A**
Max. charge power	9.728kW
Max. discharge current	190A**
Max. discharge power	9.728kW

Others

Dimensions HxWxD	829x800x280mm
Communication	CAN/RS485/Bluetooth
Weight	210 kg

*Under recommended operating conditions.

** At temperatures of 25 ± 2°C

SECURITY FEATURES

- ✗ Single cell overvoltage
- ✗ Single cell undervoltage
- ✗ Battery pack overvoltage
- ✗ Battery pack undervoltage
- ✗ Battery pack overtemperature
- ✗ Battery pack undertemperature
- ✗ Overcurrent protection
- ✗ Overcharge and over-discharge protection
- ✗ Short-circuit protection

Home 30/150A TECHNICAL SPECIFICATION



SECURITY FEATURES

- ✗ Single cell overvoltage
- ✗ Single cell undervoltage
- ✗ Battery pack overvoltage
- ✗ Battery pack undervoltage
- ✗ Battery pack overtemperature
- ✗ Battery pack undertemperature
- ✗ Overcurrent protection
- ✗ Overcharge and over-discharge protection
- ✗ Short-circuit protection

Voltage and capacity

Nominal voltage	51.2V
Max. operating voltage range	42.0-58.4V
Nominal operating voltage range	48.0-54.4V
Capacity	584Ah 29.9kWh
Cycle life	≥ 8000 cycles*
Efficiency	94%
Configuration	2P16S

Operating conditions

Charge temperature	0°C~40°C
Discharge temperature	-5°C~40°C
Storage < 3m	-5°C~35°C
Storage > 6m	25°C
Humidity	5~80%
Altitude	<3000m

Charge and discharge

Model	30/150
Max. charge current	190A**
Max. charge power	9.728kW
Max. discharge current	150A
Max. discharge power	7.68kW

Others

Dimensions HxWxD	829x800x280mm
Communication	CAN/RS485/Bluetooth
Weight	210 kg

*Under recommended operating conditions.

** At temperatures of 25 ± 2°C

Home 30/90A TECHNICAL SPECIFICATION



SECURITY FEATURES

- ✗ Single cell overvoltage
- ✗ Single cell undervoltage
- ✗ Battery pack overvoltage
- ✗ Battery pack undervoltage
- ✗ Battery pack overtemperature
- ✗ Battery pack undertemperature
- ✗ Overcurrent protection
- ✗ Overcharge and over-discharge protection
- ✗ Short-circuit protection

Voltage and capacity

Nominal voltage	51.2V
Max. operating voltage range	42.0-58.4V
Nominal operating voltage range	48.0-54.4V
Capacity	584Ah 29.9kWh
Cycle life	≥ 8000 cycles*
Efficiency	94%
Configuration	2P16S

Operating conditions

Charge temperature	0°C~40°C
Discharge temperature	-5°C~40°C
Storage < 3m	-5°C~35°C
Storage > 6m	25°C
Humidity	5~80%
Altitude	<3000m

Charge and discharge

Model	30/90
Max. charge current	190A**
Max. charge power	9.728kW
Max. discharge current	90A
Max. discharge power	4.608kW

Others

Dimensions HxWxD	829x800x280mm
Communication	CAN/RS485/Bluetooth
Weight	210 kg

*Under recommended operating conditions.

** At temperatures of 25 ± 2°C



SECURITY FEATURES

- ✗ Single cell overvoltage
- ✗ Single cell undervoltage
- ✗ Battery pack overvoltage
- ✗ Battery pack undervoltage
- ✗ Battery pack overtemperature
- ✗ Battery pack undertemperature
- ✗ Overcurrent protection
- ✗ Overcharge and over-discharge protection
- ✗ Short-circuit protection

Home 30/60A TECHNICAL SPECIFICATION

Voltage and capacity

Nominal voltage	51.2V
Max. operating voltage range	42.0-58.4V
Nominal operating voltage range	48.0-54.4V
Capacity	584Ah 29.9kWh
Cycle life	≥ 8000 cycles*
Efficiency	94%
Configuration	2P16S

Operating conditions

Charge temperature	0°C~40°C
Discharge temperature	-5°C~40°C
Storage < 3m	-5°C~35°C
Storage > 6m	25°C
Humidity	5~80%
Altitude	<3000m

Charge and discharge

Model	30/60
Max. charge current	190A**
Max. charge power	9.728kW
Max. discharge current	60A
Max. discharge power	3.072kW

Others

Dimensions HxWxD	829x800x280mm
Communication	CAN/RS485/Bluetooth
Weight	210 kg

*Under recommended operating conditions.

** At temperatures of 25 ± 2°C