

HOME 30



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

Home 30/190A

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 | 30/190 |
| 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

HOME 30

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

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

HOME 30

**Home 30/60A
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 | 30/60 |
| 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