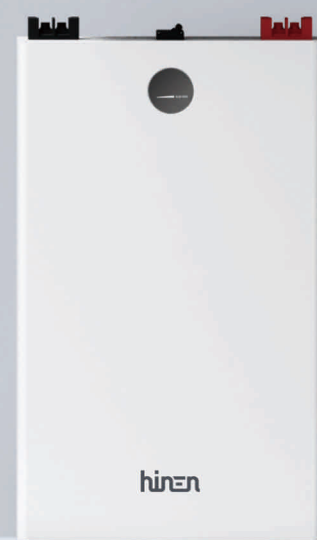


B10000

10kWh Low-voltage Battery

- 10.24-61.44kWh flexible capacity expansion, meet the needs of the whole family
- Efficient integration of large capacity, space-saving, beautiful and practical
- Unlock greater efficiency with 1C charge & discharge rate
- High-efficiency 200A fast charging & discharging
- Automatic single battery fault isolation function, guarantees continuous system performance
- Fearlessly defying extreme temperatures, operating temperature -20°C ~ 60°C
- Superior Safety with Triple Battery Protection :
 - ① Full coverage temperature detection
 - ② BMS intelligent control, over-temp., over-current, over-voltage protection
 - ③ Built-in overcurrent protection switch, protect the battery form short-circuit



Technical Specification

| Model | B10000 x1 | B10000 x2 | B10000 x3 |
|--|---|--|--|
| Product name(kWh) | Rechargeable Li-ion Battery Pack (10.24) | Rechargeable Li-ion Battery Pack (20.48) | Rechargeable Li-ion Battery Pack (30.72) |
| Rated Energy ¹ (kWh) | 10.24 | 20.48 | 30.72 |
| Usable capacity(kWh) | 9.21 | 18.42 | 27.63 |
| Battery type | LFP(LiFePO4) | | |
| Battery configuration | 16S2P | 16S4P | 16S6P |
| Maximum modules in parallel | 6 | | |
| Cycle life ² | 8000 cycles | | |
| Rated voltage(V) | 51.2 | | |
| Operating voltage range(V) | 48-57.6 | | |
| Peak current | 250A-10S | | |
| Depth of Discharge (DOD)(%) | 90 | 90 | 90 |
| Max.continuous charge/discharge current(A) | 100/150 | 200/240 | 200/240 |
| Rated power(kW) | 7.5 | 12 | 12 |
| Short-Circuit Current | 600A@0.1ms | | |
| Run Log Recording | 32M-byte | | |
| Communication | CAN | | |
| Weight(KG) | 51.8(±3) | 103.6(±3) | 155.4(±3) |
| Dimensions(WHD)(mm) | 579*500*175 | 579*1000*175 | 579*1500*175 |
| Operating temperature | Charge: 0C<T<55C / Discharge: -20C<T<55°C | | |
| Storage temperature | -20~40°C (≤One month) / 0~35C (≤Six months) | | |
| Humidity(%) | ≤10~85 | | |
| Altitude(m) | ≤2000 | | |
| Ingress protection rating | IP21 | | |
| Installation type | Wall-mounted | | |
| Warranty ³ | 10 Years Warranty,10 Years Performance Life | | |
| Country of manufacture | Made in China | | |

Rated Energy*: Test conditions, Fresh battery,0.33C charge&discharge at +25°C.

Cycle life*: Test conditions,90%DOD,0.2C charge&discharge at +25°C.

Warranty*:Refer to the product warranty terms for details.

Technical Specification

| Model | B10000 x4 | B10000 x5 | B10000 x6 |
|---|---|---|--|
| Product name(kWh) | Rechargeable Li-ion Battery Pack (40.96) | Rechargeable Li-ion Battery Pack (51.2) | Rechargeable Li-ion Battery Pack (61.44) |
| Rated Energy ¹ (kWh) | 40.96 | 51.2 | 61.44 |
| Usable capacity(kWh) | 40.84 | 46.05 | 55.26 |
| Battery type | LFP(LiFePO4) | | |
| Battery configuration | 16S8P | 16S10P | 16S12P |
| Maximum modules in parallel | 6 | | |
| Cycle life ² | 8000 cycles | | |
| Rated voltage(V) | 51.2 | | |
| Operating voltage range(V) | 48-57.6 | | |
| Peak current | 250A-10S | | |
| Depth of Discharge (DOD)(%) | 90 | 90 | 90 |
| Max.continuous charge/ discharge current(A) | 200/240 | 200/240 | 200/240 |
| Rated power(kW) | 12 | 12 | 12 |
| Short-Circuit Current | 600A@0.1ms | | |
| Run Log Recording | 32M-byte | | |
| Communication | CAN | | |
| Weight(KG) | 207(±3) | 295(±3) | 310.8(±3) |
| Dimensions(WHD) (mm) | (579*1000*175)x2 | 579*1500*175 579*1000*175 | (579*1500*175)x2 |
| Operating temperature | Charge: 0C<T<55C / Discharge: -20C<T<55°C | | |
| Storage temperature | -20~40°C (≤One month) / 0~35C (≤Six months) | | |
| Humidity(%) | ≤10~85 | | |
| Altitude(m) | ≤2000 | | |
| Ingress protection rating | IP21 | | |
| Installation type | Wall-mounted | | |
| Warranty ³ | 10 Years Warranty,10 Years Performance Life | | |
| Country of manufacture | Made in China | | |

Rated Energy*:Test conditions, Fresh battery,0.33C charge&discharge at +25°C.
 Cycle life*:Test conditions,90%DOD,0.2C charge&discharge at +25°C.
 Warranty*:Refer to the product warranty terms for details.