

5.12kWh Residential BESS – Certified Version – Wall-mounted

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Support a variety of communication protocols, support RS485, RS232, CAN, etc
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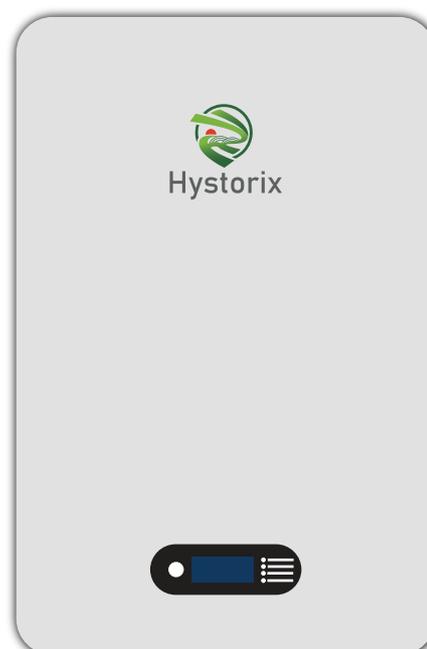
Intelligent battery management system
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Modular structure for easy installation
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LED lights display the parameters of the equipment in real time
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Long cycle life
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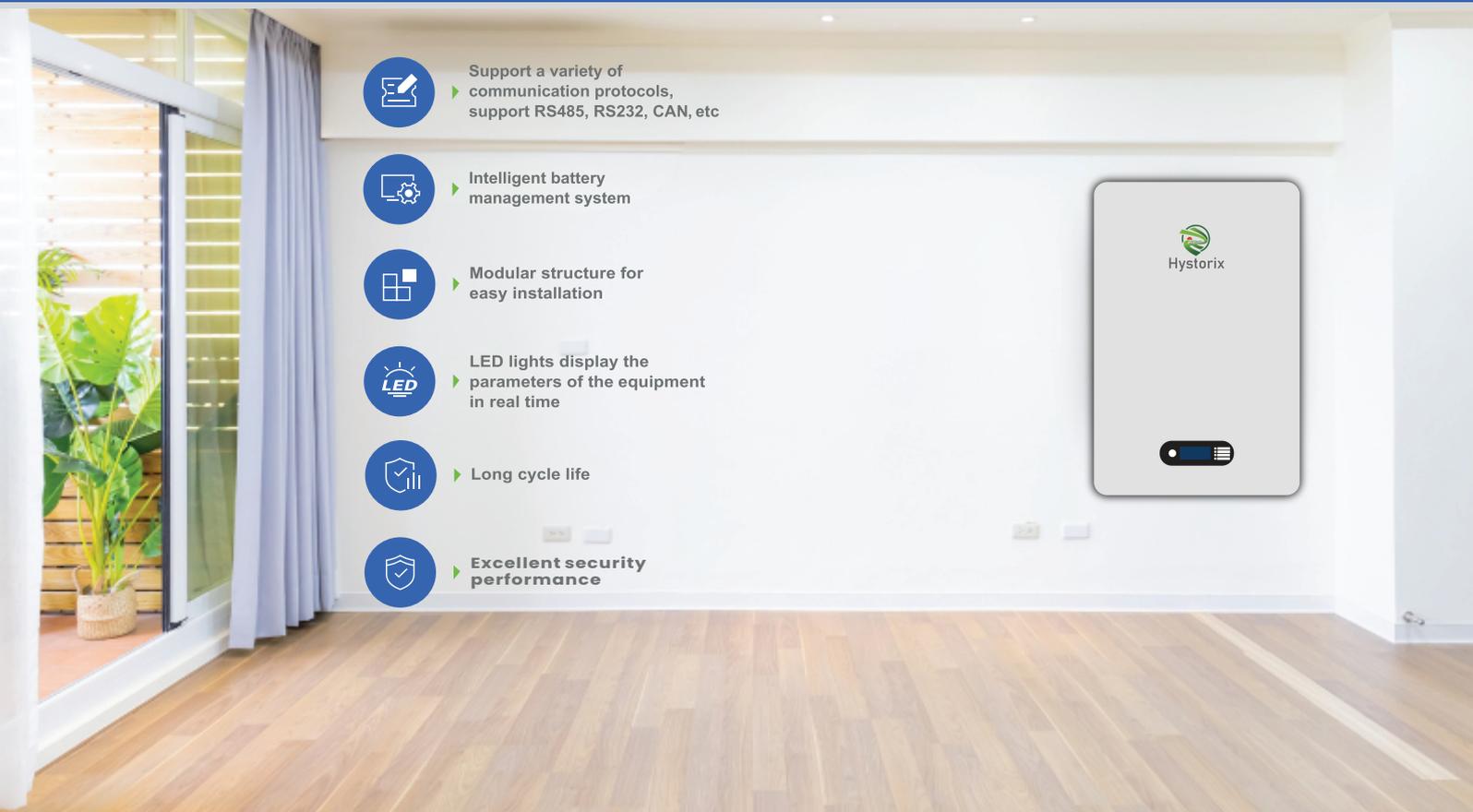
Excellent security performance



Specifications

| Model | Power Hub |
|---------------------------------|--|
| Nominal capacity | 5.12kWh |
| Specifications of the cell | REPT 3.2V/100AH |
| Core Assembly | 1P8S*2 |
| Pack series and parallel number | 1P16S |
| Type of cell | LFP |
| Battery voltage range | 44.8V~58.4V |
| Nominal voltage | 51.2V |
| Size of battery cabinet(L*W*H) | 600*420*145mm |
| Weight of battery cabinet | 50kg |
| Protection level | IP21 |
| Maximum current | 100A |
| Rated current | 50A |
| Charge-discharge mod | 0.5P/0.5P |
| Communication interface | CAN/RM485/parallel dual RS485 |
| Communication protocol | MODBUS/RTU |
| Protection | BMS/Circuit Breakers |
| Number of cycles | ≥6000 times |
| Design reference standard | GB/T 36276-2018, UN38.3, IEC62619, IEC61000,IEC62620 |
| Operating temperature range | -30°C ~ 55°C |
| Operating humidity range | ≤95% (No condensation) |
| Altitude | < 2000m (2000m~4000m Run down the amount) |
| Color | RAL9001 |
| Stop immediately | Available |

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| Pack series and parallel number | 1P16S |
| Type of cell | LFP |
| Battery voltage range | 44.8V~58.4V |
| Nominal voltage | 51.2V |
| Size of battery cabinet(L*W*H) | 600*420*145mm |
| Weight of battery cabinet | 45.2 ± 1 kg |
| Protection level | IP21 |
| Rated current | 100A |
| Charge-discharge mod | 1P/1P |
| Communication interface | CAN/RM485/parallel dual RS485 |
| Communication protocol | MODBUS/RTU |
| Protection | BMS/Circuit Breakers |
| Number of cycles | ≥6000 times |
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