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|  | | Specifications | |
| Price (US\$ FOB China) | Markets | Product Name | Issue |
| | Asia / Africa / Oceania / Americas | HESS-Bat24200 | 01/20/2025 |
|  | | Features | |
| | | <p>The battery module consists of single LFP cells, wire, BMS and container.</p> <p>Packed with high performance LFP single cell, long life, safety and wide temperature range</p> <p>High energy density, small size, light weight, no pollution</p> <p>Packing with single cell container, fire retardant wire and laser welding, stable and safe</p> <p>Built-in BMS, with battery voltage, current, temperature and health management</p> <p>LED indicate the battery SOC and operating status</p> <p>LCD Screen display the battery voltage, current, temp.,SOC detail information</p> <p>Support communicate with solar inverter bu CAN or RS485</p> <p>Update software by RS485 port</p> <p>Flexible customization of dimensions</p> <p>More than 15 years design life</p> <p>Stable performance, maintenance-free</p> | |
| Property | | | |
| Property | Definition | | Value |
| PAYG Function | Description | | Enable (Meet the MOQ 200 sets) |
| Terminal | Description | | Plug-in |
| Packing Weight | Weight (Kg) | | 100 |
| Packing Size | Dimensions(mm) | | 770x520x270 |
| Design Life | Description | | ≥15years |
| Cycle Life | Battery Cycle Life | | ≥6000 times, 0.5C, 80%DOD (25℃ ±5℃) |
| Safety & Certification | CI+ Certification | | CE, CUL, IEC62619 |
| Transportation | Description | | UN38.3 |
| Bat24200 | | | |
| Property | Definition | | Value |
| Battery Cell Type | Cell Type | | LFP |
| Nominal Voltage | Rated Output Voltage AC (V) | | 25.6 |
| Rated Capacity | Charge Capacity (Ah) | | 200 |
| Storage Capacity | Energy Capacity (kWh) | | 5.12 |
| Charging Voltage | Input DC Voltage Range [...]V | | 28~28.8 |

| | | |
|---------------------------------|-----------------------------|---|
| Range | | |
| Discharge Voltage | Voltage DC (V) | 22.4 |
| Maximum Constant Charge Current | Charge Current DC (A) | 200 |
| Max. Constant Discharge Current | Rated Current (A) | 200 |
| Recommended Charge Current | Rated Current (A) | 100 |
| Battery Weight | Weight (Kg) | 52.5 |
| Charge Temperature | Temperature Range (°C) | 0~50 |
| Built-in BMS | Description | Voltage, current, temperature management & cell balance (RS485,CAN communication) |
| Design Life | Description | >15years (25°C) |
| Battery Cycle Life | Battery Cycle Life | >6000 times, 0.5C, 80%DOD, (25°C) |
| Physical Size | Dimensions (L x W x H) (mm) | 455*575*230 |