



Specifications

Price (US\$ FOB China)	Markets	Product Name	Issue
	Asia / Africa / Oceania / Americas	HESS-Bat24100P	01/16/2025



Features

The battery module consists of single LFP cells, wire, BMS and container.
 Packed with high performance LFP single cell, long life, safety and wide temperature range
 High energy density, small size, light weight, no pollution
 Packing with single cell container, fire retardant wire and laser welding, stable and safe
 Built-in BMS, with battery voltage, current, temperature and health management
 LED indicate the battery SOC and operating status
 LCD Screen display the battery voltage, current, temp.,SOC detail information
 Support communicate with solar inverter by CAN or RS485
 Update software by RS485 port
 Flexible customization of dimensions
 More than 15 years design life
 Stable performance, maintenance-free

Property

Property	Definition	Value
PAYG Function	Description	Enable
Terminal	Description	Plug-in
Packing Weight	Weight (Kg)	30.75
Packing Size	Dimensions(mm)	540x510x215
Design Life	Description	≥15years
Cycle Life	Battery Cycle Life	≥6000 times, 0.5C, 80%DOD (25% ≥)
IP Grade	Ingress Protection (IP)	21
Safety & Certification	CI+ Certification	CE,CUL,IEC62619
Transportation	Description	UN38.3
20GP Details	Description	320 (20 pallets, 16 ctns/pallets)
40HQ Details	Description	720 (40 Pallets, 20ctns/20pallet+ 16ctns/20pallet)

Bat24200P

Property	Definition	Value
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Battery Cell Type	Cell Type	LFP
Nominal Voltage	Rated Output Voltage AC (V)	25.6
Rated Capacity	Charge Capacity (Ah)	100
Storage Capacity	Energy Capacity (kWh)	2.56
Max Charging Voltage	Input DC Voltage Range [...]V	28.8
Cut-off Discharge Voltage	Voltage DC (V)	21.6
Maximum Constant Charge Current	Charge Current DC (A)	100
Max. Constant Discharge Current	Rated Current (A)	100
Recommended Charge Current	Rated Current (A)	50
Battery Weight	Weight (Kg)	25
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)
IP Grade	Ingress Protection (IP)	21
Physical Size	Dimensions (L x W x H) (mm)	500*380*160