RACK STORAGE SERIES

Description

Howell rack-mounted series LiFePO4 batteries is a kind of high-tech products for new backup power supply. They have the characteristics of integration, miniaturization, light weight, intelligence, standardization and environmental protection. Widely used in various applications like indoor distribution stations, integrated base stations, Marginal station, ETC, distributed power supply, home energy storage, etc.

Features

1.Auto standard module designing, more stable and safe.

2.Self-developed BMS management system & improved technology, which can monitor battery state, online diagnosis, charge & discharge control, balance & thermal management, etc.

3.Modular design, easy for installation & maintenance, more suitable for 19-inch standard frame.

4.Flexible using, can do optional connection based on different capacity requirements.

Series models

51.2V 50Ah//80Ah/100Ah/150Ah/170Ah/200Ah

25.6V150Ah/200Ah

Rack storage series
HWE-16F50/HWE-16F80

- Customize BMS communication protocol
- Supports parallel capacity expansion
- Easy for installation

Model	HWE-16F50	HWE-16F80
Nominal Voltage	51.2V	
Nominal Capacity	50.0Ah	80.0Ah
Energy	2560.0Wh	4096.0Wh
Charge Voltage	56.8V	56.8V
Charge Current	25.0A	40.0A
Max.Charge Current	≤50.0A	≤80.0A
Cut-off Discharge Voltage	40.0V	40.0V
Discharge Current	25.0A	40.0A
Max.Discharge Current	≤50.0A	≤80.0A
SOC Display	LED	
Communication Port	RS232/RS485/CAN	
Parallel Connection	Max 15P	
Terminal Type	(Amphenol HVSPN R6)*4	
Weight	30.0kg	42.0kg
Dimension(W*D*H)	445*380*131mm	445*430*131mm

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Rack storage series
HWE-16F100/HWE-16F150

- Customize BMS communication protocol
- Supports parallel capacity expansion
- Easy for installation

Model	HWE-16F100	HWE-16F150
Nominal Voltage	51.2V	
Nominal Capacity	100.0Ah	150.0Ah
Energy	5120.0Wh	7680.0Wh
Charge Voltage	56.8V	56.8V
Charge Current	50.0A	75.0A
Max.Charge Current	≤100.0A	≤100.0A
Cut-off Discharge Voltage	40.0V	40.0V
Discharge Current	50.0A	75.0A
Max.Discharge Current	≤100.0A	≤100.0A
SOC Display	LED/LCD	
Communication Port	RS232/RS485/CAN /Dry contact	
Parallel Connection	Max 15P	
Terminal Type	2PDW38 wiring bar *2 100A	
Weight	46.0kg	70.0kg
Dimension(W*D*H)	445*440*177mm	445*560*177mm

Rack storage series
HWE-16F170/HWE-16F200

- Customize BMS communication protocol
- Supports parallel capacity expansion
- Easy for installation

Model	HWE-16F170	HWE-16F200
Nominal Voltage	51.2V	
Nominal Capacity	170.0Ah	200.0Ah
Energy	8704.0Wh	10240.0Wh
Charge Voltage	56.8V	56.8V
Charge Current	85.0A	100.0A
Max.Charge Current	≤100.0A	≤100.0A
Cut-off Discharge Voltage	40.0V	40.0V
Discharge Current	85.0A	100.0A
Max.Discharge Current	≤100.0A	≤100.0A
SOC Display	LED	
Communication Port	RS232/RS485/CAN	
Parallel Connection	Max 15P	
Terminal Type	4PDW38 wiring bar 100A	
Weight	72.0kg	79.0kg
Dimension(W*D*H)	445*560*222mm	445*560*222mm

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Rack storage series
HWE-8F150/HWE-8F200

- Customize BMS communication protocol
- Supports parallel capacity expansion
- Easy for installation

Model	HWE-8F150	HWE-8F200
Nominal Voltage	25.6V	
Nominal Capacity	150.0Ah	200.0Ah
Energy	3840.0Wh	5120Wh
Charge Voltage	28.4V	28.4V
Charge Current	85.0A	100.0A
Max.Charge Current	≤100.0A	≤100.0A
Cut-off Discharge Voltage	20.0V	20.0V
Discharge Current	85.0A	100.0A
Max.Discharge Current	≤100.0A	≤100A
SOC Display	LED	
Communication Port	RS232/RS485/CAN	
Parallel Connection	Max 15P	
Terminal Type	4PDW38 wiring bar 100A	
Weight	38.0kg	46.0kg
Dimension(W*D*H)	445*450*131mm	445*450*131mm

CUSTOM HIGH CAPACITY ENERGY STORAGE CABINET

Application

Howell's customized high capacity energy storage cabinet is an embedded design product, which can flexible connect in parallel with standard modules. Widely used in indoor distribution power station, all kinds of communication base station, computer room, infrastructure projects, special energy storage backup projects. It can be customized, reliable performance, good stability, long cycle life and high safety performance.

Features

1. Supporting to connect battery packs in parallel flexibly to extend back-up time.
2. The battery pack can be compatible with other brands' UPS and inverter systems.
3. Supporting to custom battery cabinet systems of different modules.
4. Standard module embedded design for easy installation and maintenance.