



## Custom Lifepo4 Lithium Ion Battery Pack 72V 105Ah with Smart BMS for Electric Golf Carts

Our Product Introduction

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### Basic Information

- Place of Origin: Hunan, China
- Brand Name: PINSHENG ENERGY
- Model Number: PE-W221 12202
- Minimum Order Quantity: 2
- Price: \$439-485

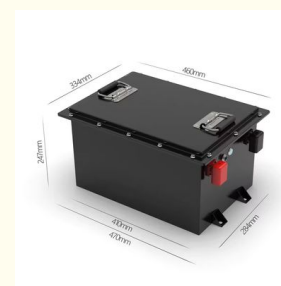


### Product Specification

- Battery Size: 18650
- Battery Type: Lifepo4/lithium Battery
- Voltage: 48V/51.2V
- BMS: Smart BMS
- Capacity: 105Ah Or Customized
- Anode Material: NCM
- Charging Rate: 1c
- Discharge Rate: 2c
- Electric Energy: 5000 Wh
- Nominal Voltage: 51.2V
- Nominal Capacity: 105Ah
- Battery Energy: 5376Wh
- Internal Resistance:  $\leq 8m\Omega$
- Cycle Life:  $\geq 6000$  Cycles 80%DOD
- Self Discharge:  $<3\%$  Per Month



### More Images



## Product Description

### Custom LiFePO4 Lithium Ion Battery Pack

#### 72V 105Ah Electric Golf Cart Battery

#### Key Specifications

Electrical Characteristics	Model Number	PE-101
Nominal voltage	51.2V	
Nominal capacity	105Ah	
Battery energy	5376Wh	
Internal resistance	≤ 8mΩ	
Cycle life	≥6000 cycles (80% DOD)	
Self discharge per month	<3%	

#### Charging Specifications

Charge cut off voltage	58.4V
Charge mode	CC/CV (constant current/constant voltage)
Standard charge current	20A
Max charge current	50A

#### Discharge Specifications

Discharge cut off voltage	40V
Continuous discharge current	200A

#### Environmental Specifications

Charge temperature	0 to 45 (32F to 113F) @60±25% RH
Discharge temperature	-5 to 60 @60±25% RH
Storage temperature	0 to 40 (32F to 104F) @60±25% RH

#### Mechanical Specifications

Case	Metal case
Dimension	470×334×247mm (L×W×H)
Terminal	M10
Weight	44.60kg
Function	Custom LCD, App BT
Color	Black

#### BMS Protection Features

- Over-charge protection
- Over-discharge protection
- Over-current protection
- Short circuit protection
- Over-temperature protection

Balance functions

### Certifications

CE

MSDS

UN38.3

### About Pinsheng Energy

Pinsheng Energy is a High-Tech Enterprise with R&D located in Changsha City, Hunan Province, near Guangzhou. With a 4,000 square meter workshop and 121 employees, we specialize in developing and producing lithium batteries and battery system integration.

After years of development and research, we have established a complete industry chain from research and production to sales. Our lithium batteries feature longer cycle life, higher security, greater reliability, and superior energy density.

Our products are widely used in energy storage systems (off-grid wind & solar energy storage, telecommunication systems, UPS) and power systems (electric motorcycles, bikes, scooters, tricycles, golf carts, forklifts, and electric vehicles).

Pinsheng Energy maintains a strict quality guarantee system to ensure high-quality products and has earned a strong reputation both in China and abroad. We prioritize customer needs and continuously improve our product quality and services, dedicated to becoming a top OEM & ODM lithium battery manufacturer worldwide.



**Hunan Pinsheng Energy Technology Co., LTD.**



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