



Propow — the Expert Power Solution for Electric 2 & 3-Wheelers.

Longer Range, Longer Life, Faster Charging



Longer Lifespan
Up to 10 years design life.



Charge Less, Ride More
Fast-charging, long-range lithium batteries.



Remote Diagnostic and Remote Upgrades Optional
Smarter lithium technology for safer, farther, and faster journeys.



Bluetooth Monitoring Optional
Easy access to battery status via mobile.



Built-in Heating Optional
Reliable performance in cold conditions.



IP67 Waterproof
Built for tough outdoor conditions.



Ultra Safe
Built-in BMS protection.



5 Year warranty



UN38.3

www.propowenergy.com

Power Your Ride with Safety, Endurance & Speed

Advanced LiFePO4 Battery Solutions for E-Bikes & E-Trikes



Lithium Power for Your Ride
Stronger
Smarter
Faster



inquiry@propowenergy.com



48V 20Ah

Electrical Specifications

Nominal voltage: 51.2V
Nominal capacity: 20Ah
Energy: 1024Wh
Cycle life: >4,000 cycles
Connect in parallel: Yes

Function

Bluetooth: Yes, customized bluetooth APP acceptable
Remote diagnostics and upgrades: Optional
Pre-Heating system: Optional

Mechanical Specifications

Dimensions (L x W x H): 180*155*210mm 7.09x6.1x8.27"
Weight: 9.5KG(20.94lb)
Case material & IP rating: Steel, IP67

Charge & Discharge Specifications

Charge current: 20A
Continuous discharge current: 20A
Peak discharge current: 40A(5s)
Max. charge voltage: 58.4V
Cut-off voltage: 40V
Battery management system(BMS): Yes, built-in BMS protection



48V 100Ah

Electrical Specifications

Nominal voltage: 51.2V
Nominal capacity: 100Ah
Energy: 5120Wh
Cycle life: >4,000 cycles
Connect in parallel: Yes

Function

Bluetooth: Yes, customized bluetooth APP acceptable
Remote diagnostics and upgrades: Optional
Pre-Heating system: Optional

Mechanical Specifications

Dimensions (L x W x H): 410*285*237mm 16.14x11.22x9.33"
Weight: 50KG(110.23lb)
Case material & IP rating: Steel, IP67

Charge & Discharge Specifications

Charge current: 100A
Continuous discharge current: 100A
Peak discharge current: 200A(5s)
Max. charge voltage: 58.4V
Cut-off voltage: 40V
Battery management system(BMS): Yes, built-in BMS protection



60V 20Ah

Electrical Specifications

Nominal voltage: 60.8V
Nominal capacity: 20Ah
Energy: 1216Wh
Cycle life: >4,000 cycles
Connect in parallel: Yes

Function

Bluetooth: Yes, customized bluetooth APP acceptable
Remote diagnostics and upgrades: Optional
Pre-Heating system: Optional

Mechanical Specifications

Dimensions (L x W x H): 180*155*255mm 7.09x6.1x10.04"
Weight: 11KG(24.25lb)
Case material & IP rating: Steel, IP67

Charge & Discharge Specifications

Charge current: 20A
Continuous discharge current: 20A
Peak discharge current: 40A(5s)
Max. charge voltage: 69.35V
Cut-off voltage: 47.5V
Battery management system(BMS): Yes, built-in BMS protection



60V 45Ah

Electrical Specifications

Nominal voltage: 60.8V
Nominal capacity: 45Ah
Energy: 2736Wh
Cycle life: >4,000 cycles
Connect in parallel: Yes

Function

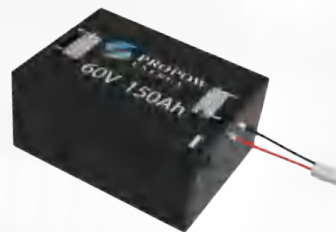
Bluetooth: Yes, customized bluetooth APP acceptable
Remote diagnostics and upgrades: Optional
Pre-Heating system: Optional

Mechanical Specifications

Dimensions (L x W x H): 255*167*330mm 10.04x6.57x13"
Weight: 23KG(50.7lb)
Case material & IP rating: Steel, IP67

Charge & Discharge Specifications

Charge current: 45A
Continuous discharge current: 50A
Peak discharge current: 100A(5s)
Max. charge voltage: 69.35V
Cut-off voltage: 47.5V
Battery management system(BMS): Yes, built-in BMS protection



60V 150Ah

Electrical Specifications

Nominal voltage: 60.8V
Nominal capacity: 150Ah
Energy: 9120Wh
Cycle life: >4,000 cycles
Connect in parallel: Yes

Function

Bluetooth: Yes, customized bluetooth APP acceptable
Remote diagnostics and upgrades: Optional
Pre-Heating system: Optional

Mechanical Specifications

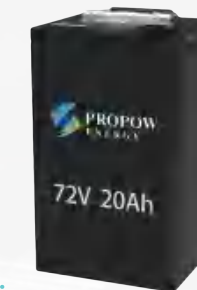
Dimensions (L x W x H): 500*370*235mm 19.69x14.57x9.25"
Weight: 89KG(196.2lb)
Case material & IP rating: Steel, IP67

Charge & Discharge Specifications

Charge current: 100A
Continuous discharge current: 100A
Peak discharge current: 200A(5s)
Max. charge voltage: 69.35V
Cut-off voltage: 47.5V
Battery management system(BMS): Yes, built-in BMS protection

Smart & Safe LiFePO4 Technology for Modern Mobility

- Faster Charging
- Longer Ride Distance
- Consistent Power
- Ultra Safe
- Rugged & Reliable
- Real-time Monitoring



72V 20Ah

Electrical Specifications

Nominal voltage: 73.6V
Nominal capacity: 20Ah
Energy: 1472Wh
Cycle life: >4,000 cycles
Connect in parallel: Yes

Function

Bluetooth: Yes, customized bluetooth APP acceptable
Remote diagnostics and upgrades: Optional
Pre-Heating system: Optional

Mechanical Specifications

Dimensions (L x W x H): 180*155*300mm 7.09x6.1x11.8"
Weight: 13.5KG(29.8lb)
Case material & IP rating: Steel, IP67

Charge & Discharge Specifications

Charge current: 20A
Continuous discharge current: 20A
Peak discharge current: 40A(5s)
Max. charge voltage: 83.95V
Cut-off voltage: 57.5V
Battery management system(BMS): Yes, built-in BMS protection



72V 30Ah

Electrical Specifications

Nominal voltage: 73.6V
Nominal capacity: 30Ah
Energy: 2208Wh
Cycle life: >4,000 cycles
Connect in parallel: Yes

Function

Bluetooth: Yes, customized bluetooth APP acceptable
Remote diagnostics and upgrades: Optional
Pre-Heating system: Optional

Mechanical Specifications

Dimensions (L x W x H): 215*167*315mm 8.46x6.57x12.4"
Weight: 19KG(41.89lb)
Case material & IP rating: Steel, IP67

Charge & Discharge Specifications

Charge current: 30A
Continuous discharge current: 30A
Peak discharge current: 60A(5s)
Max. charge voltage: 83.95V
Cut-off voltage: 57.5V
Battery management system(BMS): Yes, built-in BMS protection



72V 50Ah

Electrical Specifications

Nominal voltage: 73.6V
Nominal capacity: 54Ah
Energy: 3974.4Wh
Cycle life: >4,000 cycles
Connect in parallel: Yes

Function

Bluetooth: Yes, customized bluetooth APP acceptable
Remote diagnostics and upgrades: Optional
Pre-Heating system: Optional

Mechanical Specifications

Dimensions (L x W x H): 315*280*295mm 12.5x11.2x11.6"
Weight: 38KG(83.78lb)
Case material & IP rating: Steel, IP67

Charge & Discharge Specifications

Charge current: 50A
Continuous discharge current: 50A
Peak discharge current: 100A(5s)
Max. charge voltage: 83.95V
Cut-off voltage: 57.5V
Battery management system(BMS): Yes, built-in BMS protection



72V 105Ah

Electrical Specifications

Nominal voltage: 73.6V
Nominal capacity: 105Ah
Energy: 7728Wh
Cycle life: >4,000 cycles
Connect in parallel: Yes

Function

Bluetooth: Yes, customized bluetooth APP acceptable
Remote diagnostics and upgrades: Optional
Pre-Heating system: Optional

Mechanical Specifications

Dimensions (L x W x H): 526*280*235mm 20.71x11.02x9.25"
Weight: 70KG(154.3lb)
Case material & IP rating: Steel, IP67

Charge & Discharge Specifications

Charge current: 100A
Continuous discharge current: 100A
Peak discharge current: 200A(5s)
Max. charge voltage: 83.95V
Cut-off voltage: 57.5V
Battery management system(BMS): Yes, built-in BMS protection



72V 150Ah

Electrical Specifications

Nominal voltage: 73.6V
Nominal capacity: 150Ah
Energy: 11040Wh
Cycle life: >4,000 cycles
Connect in parallel: Yes

Function

Bluetooth: Yes, customized bluetooth APP acceptable
Remote diagnostics and upgrades: Optional
Pre-Heating system: Optional

Mechanical Specifications

Dimensions (L x W x H): 580*370*235mm 22.83x14.57x9.25"
Weight: 89KG(196lb)
Case material & IP rating: Steel, IP67

Charge & Discharge Specifications

Charge current: 100A
Continuous discharge current: 100A
Peak discharge current: 200A(5s)
Max. charge voltage: 83.95V
Cut-off voltage: 57.5V
Battery management system(BMS): Yes, built-in BMS protection