

# 72V 20Ah Lithium-Ion Battery Pack for Electric Motorcycles

This lithium-ion battery pack is designed for electric motorcycles and EVs. It features a 72V20AH capacity and supports high discharge rates of 3C, 5C, and 10C using 18650 cells.



## ADDITIONAL IMAGES



## Overview

### High-Performance Electric Vehicle Power

This 72V 20Ah lithium-ion battery pack is engineered for demanding electric vehicle applications, particularly electric motorcycles. Utilizing reliable 18650 cells, it supports high discharge rates of 3C, 5C, and 10C to ensure consistent power delivery. Designed for versatility and safety, it operates effectively across a wide temperature range, making it an ideal choice for robust EV power systems.

## Electrical Specifications

|                         |                    |
|-------------------------|--------------------|
| Nominal Voltage         | 72 V               |
| Nominal Capacity        | 20 Ah              |
| Operating Voltage Range | 64.8VDC to 84.0VDC |
| Cut-off Voltage         | 52 V               |

## Performance Metrics

|                                  |             |
|----------------------------------|-------------|
| Supported Discharge Rates        | 3C, 5C, 10C |
| Max Continuous Discharge Current | 60 A        |
| Max Pulse Discharge Current      | 120 A       |
| Internal Impedance               | d4m©        |
| Cycle Life                       | e 80Cycles  |

## Physical & Environmental

|                             |                    |
|-----------------------------|--------------------|
| Dimensions                  | 210 x 170 x 170 mm |
| Weight                      | 10.5 kg            |
| Charge Temperature Range    | 0°C to 50°C        |
| Discharge Temperature Range | -20°C to 60°C      |

## Safety & Handling

### Safety Guidelines

- Read instructions before use
- Do not disassemble or modify
- Do not short circuit
- Avoid exposure to fire, heat sources, or water