

# 24V 8Ah Lithium-Ion Battery Pack

This 24V 8Ah battery pack utilizes multiple 3.2V 3.5Ah cells. It can be supplied with a battery management system (BMS), charger, and metal case based on customer specifications.



## Overview

### High-Performance 24V Lithium-Ion Battery Pack

This 24V 8Ah lithium-ion battery pack is engineered for reliability and consistent power delivery. Built using 24 high-quality single cells, this unit offers a robust energy solution for demanding applications. It features integrated protection capabilities and supports flexible customization options, including BMS, chargers, and custom metal casing to meet specific project requirements.

## Electrical Specifications

Nominal Voltage	24 V
Nominal Capacity	8 Ah
Maximum Charge Voltage	8 A
Maximum Discharge Current	16 A
Cut-off Discharge Voltage	16 V
Internal Impedance	120 m $\Omega$

## Mechanical & Physical

Dimensions	340mm x 90mm x 90mm
Weight	3.5 kg

## Performance & Durability

### Service Life

**1200 cycles**  
Cycles

**60 %**  
Capacity Retention

### Operating Temperature Range

Mode	Temperature Range
Charge	10°C ~ 45°C
Discharge	-20°C ~ 55°C

## Customization & Accessories

Available Add-ons	BMS, Charger, Custom Metal Case
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