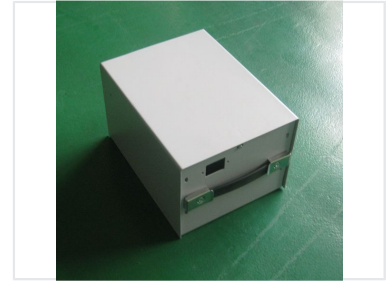


# 48V 20Ah Lithium-Ion Battery Pack

This 48V 20Ah battery pack is assembled using multiple single cells. It can be supplied with a battery management system (BMS), charger, and metal case based on customer design preferences.



## Overview

### High-Performance 48V 20Ah Battery Solution

This 48V 20Ah Lithium-Ion battery pack is engineered for reliable, high-capacity power delivery in demanding applications. Built using 96 high-quality 3.2V 3.5Ah 26700 cells, it offers a robust energy solution with a durable metal casing. The system is designed for longevity, supporting over 1,200 charge cycles while maintaining significant capacity, making it an ideal choice for professional-grade power requirements.

## Electrical Specifications

Nominal Voltage	48 V
Nominal Capacity	20 Ah
Max Charge Voltage	10 A
Max Discharge Current	40 A
Cut-off Discharge Voltage	40 V
Internal Impedance	d 12h©

## Performance Metrics

### Performance Highlights

**1200 cycles**

Service Life Cycles

**60 %**

Retained Capacity

## Physical Characteristics

Dimensions	260mm x 190mm x 155mm
Weight	12 kg

## Operating Environment

### Operating Temperature

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

## Compatibility & Accessories

Available Components	BMS, Charger, Custom Metal Case
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