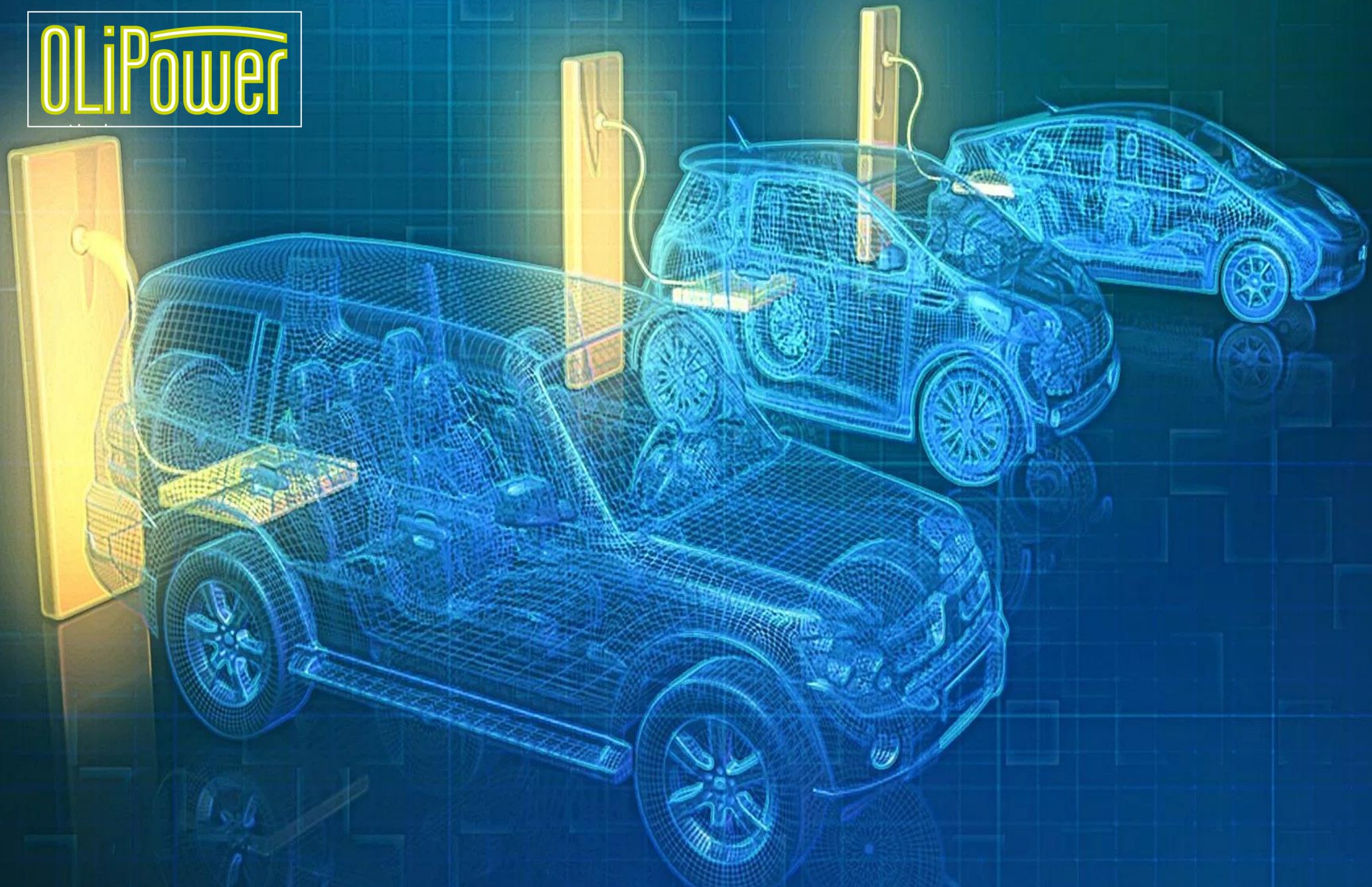
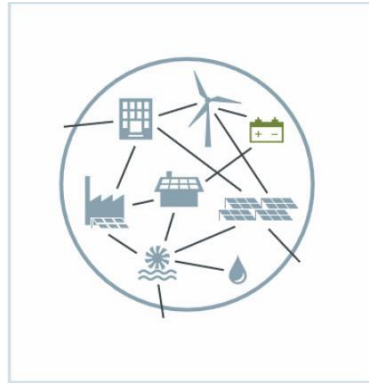


OLiPower





## Electric Vehicle Battery Pack

## EV battery pack 24-48V up to 400Vdc

Safe lithium iron phosphate battery cell (LiFePO<sub>4</sub>), long life cycles

Modular designed, could be connected in series and parallel to suit for different rated voltage & Ah of the system

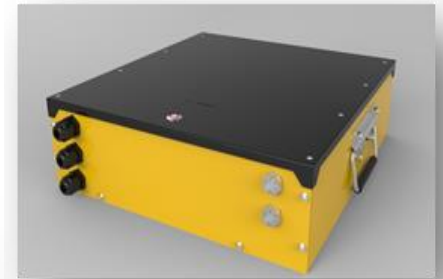
Fast Charge Capability

Flexible I/O interface

Integrated Industrial Communication Bus

Integrated battery management system

IP67 protection class, suitable for any vehicle



Beside to the standard and modular product portfolios, we could offer tailormade designed BMS, battery pack based on customer's application.

# Technical Specifications 24-48Vdc

Information 24 Vdc pack	24 Vdc System
Product No.	OLP-A-2460-v20
Output Voltage	24V
Rated Capacity	60Ah
Charge Rate	2C (customizable)
Discharge Rate	1C (customizable)
General Interface	2DO/1DI/1AO
Communication Interface	RS485/Modbus
Dimensions (L*w*H)	325*237*188mm
weight	25kG
Cooling Method	Natural Cooling + heating system on request
Appearance color	Customize
Application	City vehicles

Information 48Vdc pack	Specifications
Output Voltage	48V
Rated Capacity	100Ah
Charge Rate	2C (customizable)
Discharge Rate	1C (customizable)
General Interface	2DO/1DI/1AO
Communication Interface	RS485/Modbus parallel option available and customizable
Dimensions (L*w*H)	325*237*188mm
weight	70kg
Cooling Method	Natural Cooling
Appearance color	Customize
Application	Wide Autonomy vehicle

Product Number	Voltage	Capacity	Dimensions (L*w*H) without connectors
OLP-A-4830-v10	48V	30Ah	348*238*200mm
OLP-A-4830-v11	48V	30Ah	348*238*200mm
OLP-A-4860-v10	48V	60Ah	567*241*216mm
OLP-A-4860-v11	48V	60Ah	567*241*216mm
OLP-A-4860-v20	48V	60Ah	431*352*231mm
OLP-A-48100-v10	48V	100Ah	584*346*202mm
OLP-A-48100-v11	48V	100Ah	584*346*202mm
OLP-A-48100-v20	48V	100Ah	584*346*202mm
OLP-A-48160-v10	48V	160Ah	578*436*244mm
OLP-A-48160-v11	48V	160Ah	578*436*244mm

## Battery Management System (BMS) for EV application

A battery management system (BMS) is any electronic device that manages a rechargeable battery pack.

The BMS monitors the battery pack's state, calculates secondary data, offers protection, and controls its environment.

Without a robust and reliable designed BMS system, the Li-Ion battery pack can not work properly. It is one of the core technology that OLiPower has been developing for many years.

OLiPower gains rich experiences on varies of energy storage systems, in addition to the battery pack of new energy car/bus and consumer Li-ION battery storage application,

With its professional R&D capability, OLiPower could help customer to get a tailor-made BMS solution and running in little time at low cost.



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