

Batteries for commercial EV

Applications: For E-bus, E-truck, E-construction machinery, logistics vehicle, etc.



Specification

Standard type C battery packs-153.6V, 206Ah	
Type of battery	LiFePo4
Connection	1P48S
Nominal voltage	153.6V
Nominal voltage	206Ah
Total energy	31.64Kwh
Total weight	215±6.5kg
Working voltage range	120~175.2V
Max continuous discharge current	206A
Max continuous charge current	206A
Recommended working SOC range	10%~90%
Cooling type	Liquid cooling system
Protection grade	IP 67
Cycle life	2500 @25±2°C(1C/1C)
Dimension	(1060±10)*(630±5)*(240±5)mm
Working temperature range	Charge: 0~55°C Discharge: -20°C~60°C

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Drawings for reference

Remarks:

The standard total power system is 614.4V, and made up of 4 battery packs in series. Total energy **126.5 kWh**.

The battery system is expandable, with 8 battery (4S2P) which is total energy of **253 kWh**.

