

CATL 173C35.1 Battery Packs



**Proven in over 350,000
Commercial EVs & HEVs**

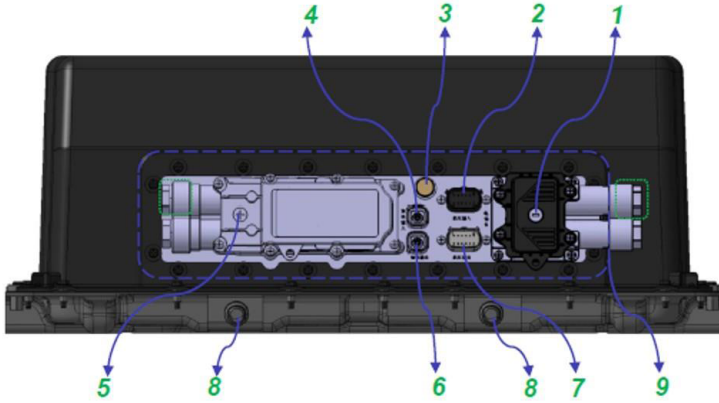
- **Optimized for Commercial Vehicles**
- **Standardized Pack Sizes**
- **Voltages from 201.6 VDC**
- **Water/Glycol Heating**
- **Water/Glycol Cooling**
- **Long Life LFP Cells**
- **Regular & Fast Charge**
- **High Specific Energy**
- **35.1kWh Modules**
- **Systems from 105-595kWh+**

GENERAL SPECIFICATIONS

Part Number	173C35.1
Capacity per Pack	35.1kWh/Module Typical
Pack Voltage:	201.6 VDC Nominal
Specific Energy:	155WH/kg
Cooling/Heating:	Water-Glycol
Environmental:	IP68
Ambient Temperature:	-30°C to 60°C
Weight:	~225 kg
Dimensions:	1060mm×630mm×240mm

*** Optional 600V Battery Chiller: Model eBC7.0HV**

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No.	Connector
1	BAT-
2	Low Voltage Input
3	Balance Valve
4	Heating Input
5	BAT+
6	Heating Output
7	Low Voltage Output
8	Coolant Connector
9	Integrated Panel

Product Type		High Energy		
Cell Capacity		302Ah	228Ah	173Ah
Cell Size		72T*174W*207H	54T*174W*207H	41T*174W*207H
Pack	C Pack: 1060mm*630mm*240mm	1P36S	1P48S	1P63S
	G Pack: 950mm*630mm*240mm	1P30S	1P39S	1P54S
Charge Rate		0.82C	1.0C	1.0C
Energy density		>155Wh/kg at pack level		
Heating		Built-in heating film		
Cooling		Built-in cooling plate		
IP level		IP68		

Cell	Basic configuration			1 string			2 strings			3 strings		
	Volt. (V)	Cells in series	Pack in series	Energy (kWh)	Pack Number	Configurati on	Energy (kWh)	Pack Number	Configurati on	Energy (kWh)	Pack Number	Configurati on
Other non-relevant part numbers.												
173Ah	608.58	189	3C	105.3	3	1P189S	210.6	6	2P189S	315.9	9	3P189S

Other non-relevant part numbers.												
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