

CATL K01 Battery Packs



Proven in over 350,000
Commercial EVs & HEVs



- Optimized for Commercial Vehicles
- Standardized Pack Sizes
- Wide for vans and shuttles
- Integral PTC heating
- Water/Glycol cooling
- Long Life LFP Cells
- Pack Voltage 209.3 VDC
- High Specific Energy
- ~29.7kWh Modules
- Systems from 29.7-105kWh+

GENERAL SPECIFICATIONS

Capacity per Pack	29.7kWh/Module Typical
Pack Voltage:	209.3 VDC Nominal
Specific Energy:	>136.5WH/kg
Cooling/Heating:	Water-Glycol/Internal PTC Strip
Environmental:	IP68
Ambient Temperature:	-30°C to 60°C
Weight:	~218 kg
Dimensions:	1154mm×872mm×150mm

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

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Product Type		High Energy
Capacity		142Ah
Cell dimension		69T*150W*116H
Pack	K01 Pack: 1154mm*872mm*150mm	1P65S
Charge rate		1.0C
Energy density		> 135Wh/kg
Heating		Built-in heating film
Cooling		Built-in cooling plate
IP level		IP68

Basic configuration				1 string			2 strings			3 strings		
Cell	Volt. (V)	Cells in series	Pack in series	Energy (kWh)	Pack Number	Configuration	Energy (kWh)	Pack Number	Configuration	Energy (kWh)	Pack Number	Configuration
142Ah	418.60	130	2K01	59.44	2	1P130S	118.88	4	2P130S	/	/	/
142Ah	627.90	195	3K01	89.16	3	1P195S	178.32	6	2P195S	267.48	9	3P195S