

CATL H01 Battery Packs



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

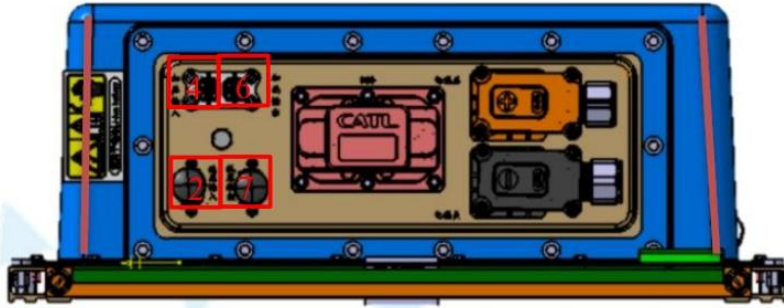
- **Optimized for Commercial Vehicles**
- **Standardized Pack Sizes**
- **Pack Voltages from 230-307 VDC**
- **Integral PTC heating**
- **Water/Glycol cooling**
- **Long Life LFP Cells**
- **Regular & Fast Charge**
- **High Specific Energy**
- **~70kWh Modules**
- **Systems from 123-577kWh+**

GENERAL SPECIFICATIONS

Capacity per Pack	~70kWh/Module Typical
Pack Voltage:	230.4 & 307.2 VDC Nominal
Specific Energy:	~155WH/kg
Cooling/Heating:	Water-Glycol/Internal PTC Strip
Environmental:	IP68
Ambient Temperature:	-30°C to 60°C
Weight:	~445 kg
Dimensions:	2050mm×640mm×240mm

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

CATL H01 Battery Packs



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
Cell Size		72T*174W*207H	54T*174W*207H
Pack	H01 Pack : 2050mm*640mm*240mm	1P72S	1P96S
	H02 Pack : 1850mm*640mm*240mm	1P63S	1P84S
Charge Rate		0.82C	1.0C
Energy density		>155Wh/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)	Cell in series	Pack in series	Energy (kWh)	Pack Number	Configuration	Energy (kWh)	Pack Number	Configuration	Energy (kWh)	Pack Number	Configuration
228Ah	540.96	168	2H2	123.34	2	1P168S	246.68	4	2P168S	370.02	6	2P168S
228Ah	579.60	180	H1+H2	132.15	2	1P180S	264.30	4	2P180S	396.45	6	2P180S
228Ah	579.60	180	H2+2C01	132.15	3	1P180S	264.30	6	2P180S	396.45	9	2P180S
228Ah	618.24	192	2H1	140.96	2	1P192S	281.92	4	2P192S	422.88	6	2P192S
228Ah	618.24	192	H1+2C01	140.96	3	1P192S	281.92	6	2P192S	422.88	9	2P192S
302Ah	521.64	162	2H2C01	157.54	3	1P162S	315.07	6	2P162S	472.61	9	2P162S
302Ah	550.62	171	H1+H2+C01	166.29	3	1P171S	332.57	6	2P171S	498.86	9	2P171S
302Ah	550.62	171	H2+3C01	166.29	4	1P171S	332.57	8	2P171S	498.86	12	2P171S
302Ah	579.60	180	2H1+C01	175.04	3	1P180S	350.08	6	2P180S	525.12	9	2P180S
302Ah	579.60	180	H1+3C01	175.04	4	1P180S	350.08	8	2P180S	525.12	12	2P180S
302Ah	608.58	189	3H2	183.79	3	1P189S	367.58	6	2P189S	551.37	9	2P189S
302Ah	637.56	198	H1+2H2	192.54	3	1P198S	385.09	6	2P198S	577.63	9	2P198S
302Ah	637.56	198	2H2+2C01	192.54	4	1P198S	385.09	8	2P198S	577.63	12	2P198S