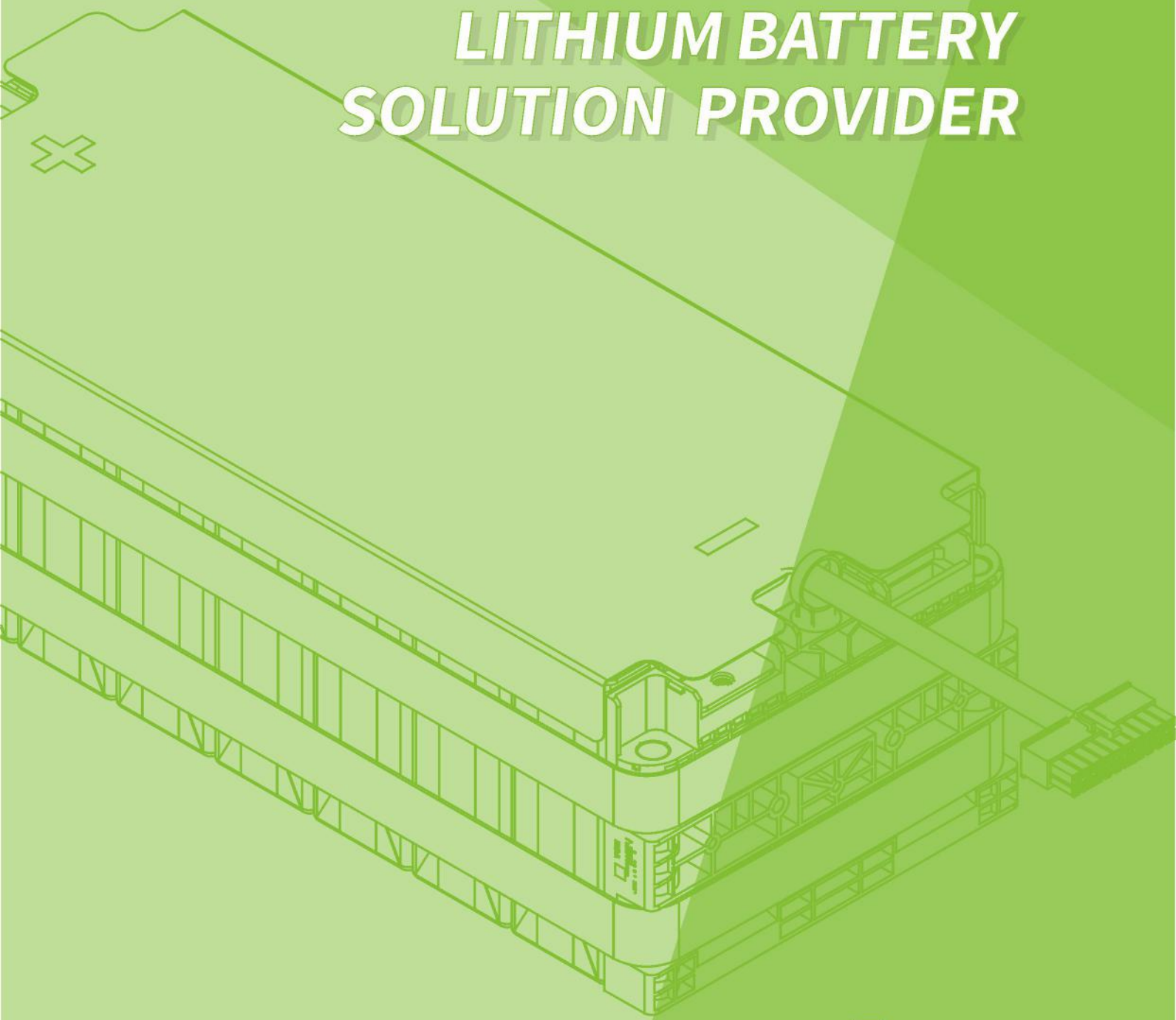


# **YOUR PROFESSIONAL LITHIUM BATTERY SOLUTION PROVIDER**



**Lithium  
Storage**

# LFP 50~302Ah BANDING MODULE



**LITHIUM STORAGE** supports offering standard battery modules and customization of battery modules based on LFP/NCM prismatic cells, including the structure of the banding module and frame welding module. The high structural strength of the frame welding module meets harsh vehicle operating conditions, and the high flexibility of the banding module meets a wide range of dimension requirement.

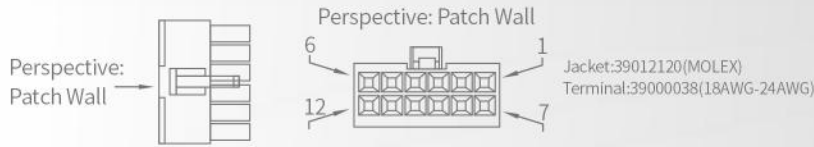


MODULE	ITEM	LFP50Ah 1P8S(VDA)	LFP100Ah 1P8S	LFP135Ah 1P4S(VDA)	LFP230Ah 1P8S	LFP280Ah 1P8S	LFP302Ah 1P8S
Dimension	Length&Width(mm)	355.6&151	273.5&177	354.7&151.2	480.9&177	622.9&177	624.4&177
	Height(mm)	110	220	110	220	220	220
Module Performance	Cell Type	LFP50Ah	LFP100Ah	LFP135Ah	LFP230Ah	LFP280Ah long cycle	LFP302Ah
	Capacity(Ah)	50	100	135	230	280	302
	Normal Energy (25°C,kwh)	1.28	2.56	1.728	5.888	7.168	7.731
	Group Mode	1P8S	1P8S	1P4S	1P8S	1P8S	1P8S
	Module Weight(kg)	10.44	19.74	11.52	35	45.1	46
	Voltage Range /Normal(V)	20~29.2/25.6	20~29.2/25.6	10~14.6/12.8	20~29.2/25.6	20~29.2/25.6	20~29.2/25.6

## FLEXIBILTILITY OF BANDING MODULE

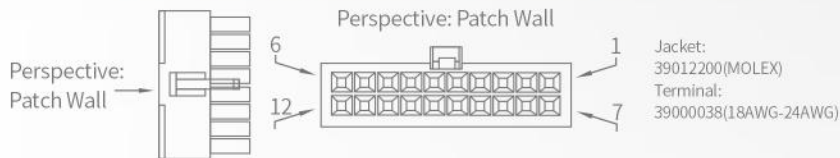
- Connector type and definition are customizable
- Heating film type and power are customizable
- Parallel and series quantities of cells are customizable

## 1P4S CONNERTOR DEFINITION



Wire Diameter	Pin Number	Pin Definition	Remark
0.35mm <sup>2</sup>	1	B0	
0.35mm <sup>2</sup>	7	B1	
0.35mm <sup>2</sup>	2	B2	
0.35mm <sup>2</sup>	8	B3	
0.35mm <sup>2</sup>	3	B4	
0.35mm <sup>2</sup>	9		
0.35mm <sup>2</sup>	4		
0.35mm <sup>2</sup>	10		
0.35mm <sup>2</sup>	5	T1+	10K,B3435 module end and middle
0.35mm <sup>2</sup>	11	T1+	
0.35mm <sup>2</sup>	6	T2+	
0.35mm <sup>2</sup>	12	T2-	
matched plugin	39013123(without panel mount ears)	terminal:39000040	
	39012121(with panel mount ears)		

## 1P8S CONNERTOR DEFINITION



Wire Diameter	Pin Number	Pin Definition	Wire Diameter	Pin Number	Pin Definition	Remark
0.35mm <sup>2</sup>	1	B0	0.35mm <sup>2</sup>	6		
0.35mm <sup>2</sup>	11	B1	0.35mm <sup>2</sup>	16		
0.35mm <sup>2</sup>	2	B2	0.35mm <sup>2</sup>	7		
0.35mm <sup>2</sup>	12	B3	0.35mm <sup>2</sup>	17		
0.35mm <sup>2</sup>	3	B4	0.35mm <sup>2</sup>	8		
0.35mm <sup>2</sup>	13	B5	0.35mm <sup>2</sup>	18		
0.35mm <sup>2</sup>	4	B6	0.35mm <sup>2</sup>	9	T1+	10K,B3435 module end and middle
0.35mm <sup>2</sup>	14	B7	0.35mm <sup>2</sup>	19	T1+	
0.35mm <sup>2</sup>	5	B8	0.35mm <sup>2</sup>	10	T2+	
0.35mm <sup>2</sup>	15		0.35mm <sup>2</sup>	20	T2-	
matched plugin	39013203 (without panel mount ears)	terminal:39000040				
	39012206 (with panel mount ears)					

## ADVANTAGE

- High flexibility in customization.
- High quality standard of production and performance meeting supply requirements of industrial vehicles and commercial vehicles.
- Uninterrupted supply guaranteed by the stable mass production.
- Continuously improved energy density though new materials and light weighting technology.
- Suitable for commercial vehicles, industry vehicles and energy storage etcetera.



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