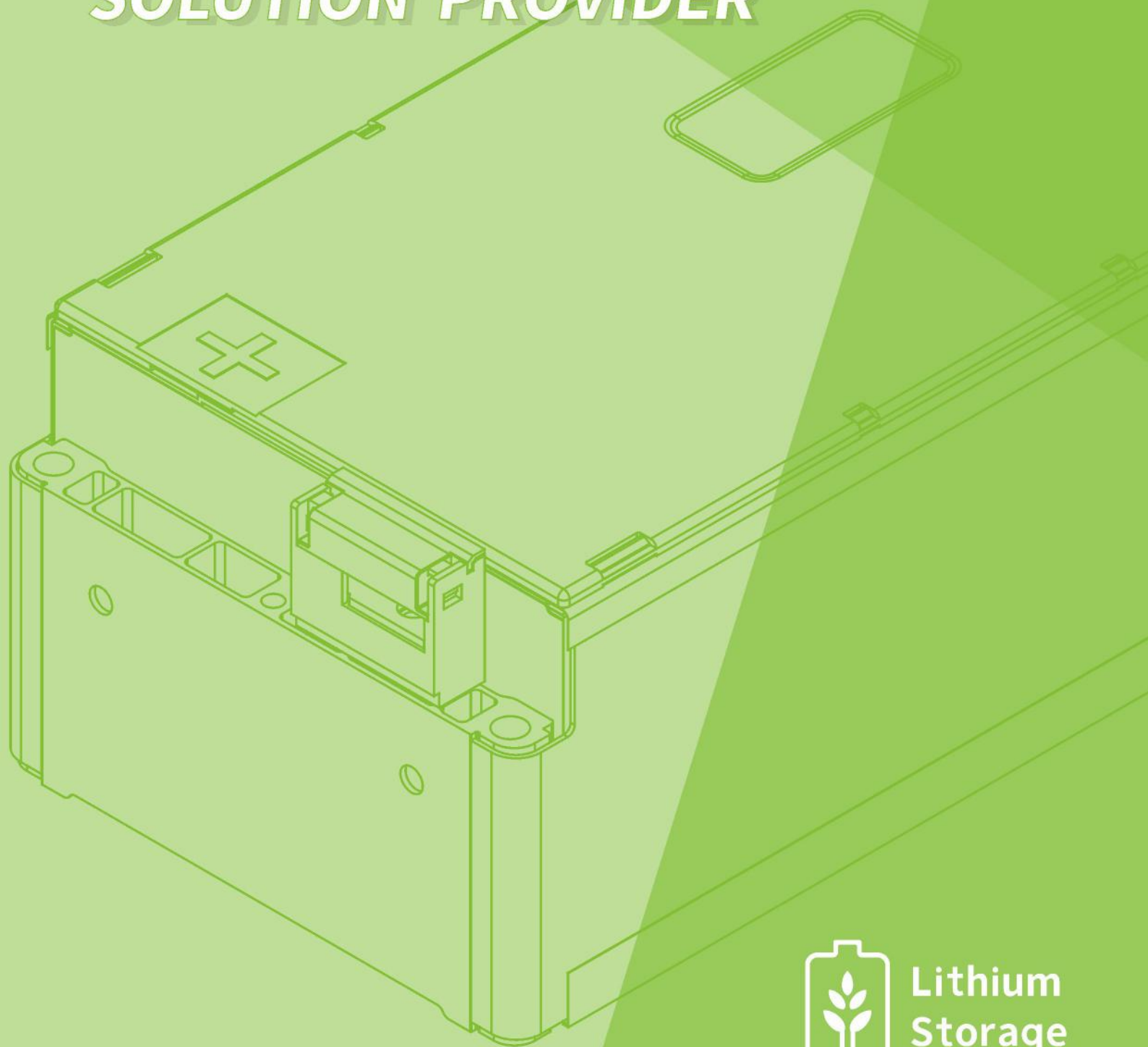
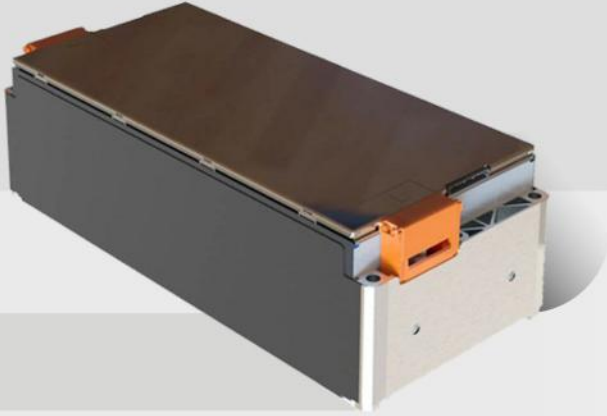


YOUR PROFESSIONAL LITHIUM BATTERY SOLUTION PROVIDER



Lithium
Storage

NCM 177Ah 1P4S VDA MODULE

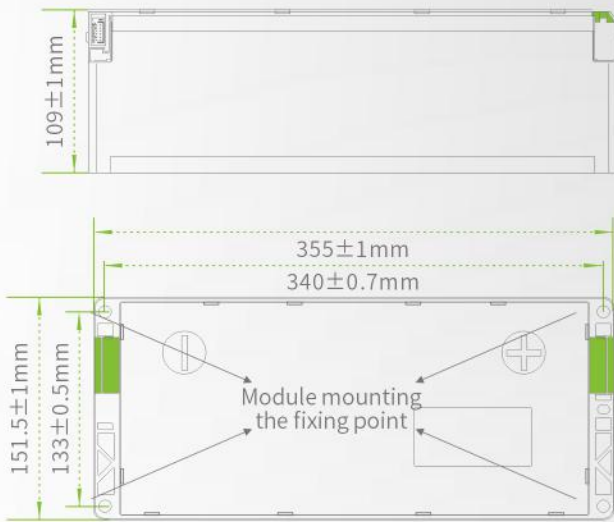


LITHIUM STORAGE supports offering standard battery modules and customization of battery modules based on LFP/NCM prismatic cells, including the structure of the banding module and frame welding module. The high structural strength of the frame welding module meets harsh vehicle operating conditions,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

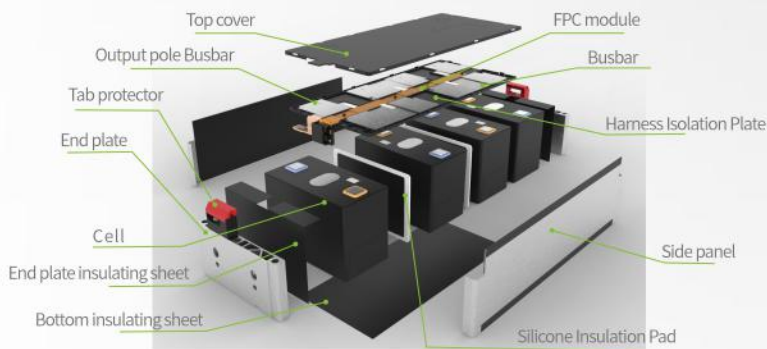


ITEM	SPECIFICATION	NOTE
Nominal voltage(V)	14.64	
Operating voltage(V)	min	T: 25±3°C
	max	T: 25±3°C
Nominal capacity(Ah)	177	1/3C, 100%DOD
Nominal energy (KWh)	2.591	1/3C, 100%DOD
Group mode	1P4S	
Module weight (kg)	11.9	
Maximum continuous charge current (A)	211.3	
Maximum continuous discharge current (A)	348	
Maximum pulse charge current (A)	310	@10S, SOC ≤ 70%
Maximum pulse discharge current (A)	465	@10S, SOC ≥ 30%
SOC operating range (%)	10~90	
Module cooling method	Natural cooling	
Module heating method	No	Or heating film
Temperature detector qty.	2	
Shipping capacity (SOC)	50%±5	SOC is consistency in the same batch
Temp. Condition (°C)	Charge	-20~55
	Discharge	-30~55
	Storage	-30~55
Dimension L (mm)	355	
Dimension W (mm)	152	
Dimension H (mm)	108.5	
Relevant product standard		GB/T 31484—2015
		GB/T 31485—2015
		GB/T 31486—2015

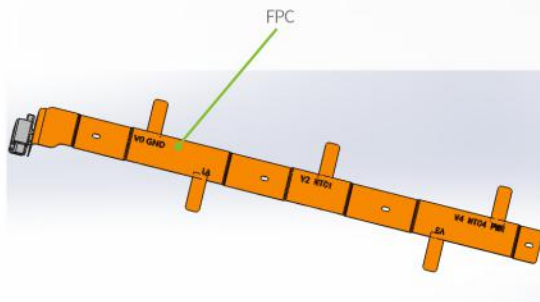
DRAWING



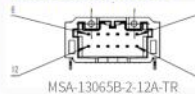
MODULE STRUCTURE DIAGRAM



INTERFACE TYPE:CONNECTOR TYPE



Interface definition



PIN	PIN Definition
1	NTC2-
2	V3
3	PWR-
4	V2
5	NTC1-
6	GND
7	V1
8	NTC2+
9	/
10	V4
11	NTC1+
12	V0

Battery Module	Connector Type	Pin Type	Note
NCM177Ah 1p4s module	MSA-13065S-2-12A	IPS-13065T-01A-T	A connector corresponds to 12 PINS

ADVANTAGE

- 355 VDA battery module.
- High quality standard of production and performance meeting supply requirements of passenger vehicles.
- Uninterrupted supply guaranteed by the stable mass production.
- Continuously improved energy density though new materials and light weighting technology.
- Suitable for passenger vehicles and commercial vehicles etcetera.



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