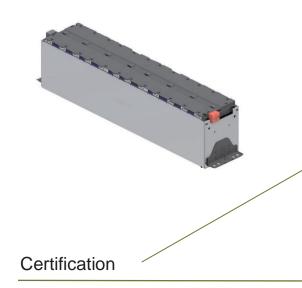
EP-LFP280Ah 1P8S MODULE



Lithium-ion battery module for use in electric powered mobilities. The system consists of Lithium-Ion-Cells, connected in series to reach the system voltage and in parallel to achieve greater capacity. The battery system voltage and capacity can be verified by different combinations of modules.

Advantage



- Recharges much faster
- Longer service life
- Weighs less

- Incredible small size
- High Rigidity
- Low self-discharge





















UN 38.3

Specification

No.	Items Nominal voltage(V)		MSXX5-25.76V280A 280Ah1P8S 25.76	Note
2				
3	Operating voitage(V)	max	29.2	
4	Nominal capacity (Ah)		280	0.5C , 25°C
5	Nominal energy (KWh)		7.213	0.5C , 25°C
7	Group mode		1P8S	
8	End of life residual capacity (Ah)		224	
9	Module weigh (Kg)		47.72	
10	Maximum continuous charge current (A)		280	
11	Maximum continuous discharge current (A)		280	
12	Maximum pulse discharge current(≤30s)(A)		560	
13	SOC operating range (%)		10~90	
14	Insulation requirements(MΩ)		≥20	
15	Module cooling method		Natural cooling	
16	Module heating method		NO	
17	Shipping capacity (SOC)		≈30%	SOC is consistency in the same batch
	Dimension L (mm)		677.6	
18	Dimension B (mm)		180	
	Dimension H (mm)		225	