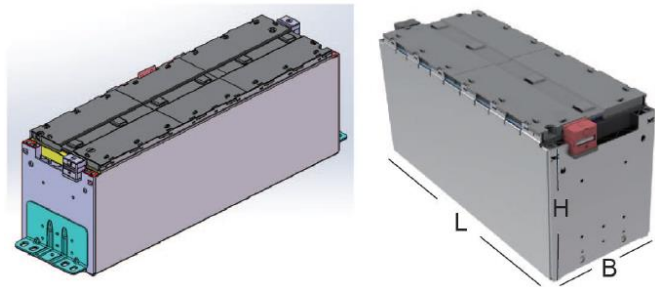


Lithium-Ion-Module

EP-LFP277Ah-Standardmodul

Advantage

- Recharges much faster
- Low self discharge
- Incredible small size
- Longer service life
- Less weight
- High rigidity



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. The battery system voltage can be verified by different combination of modules.

No.	Items		EP-LFP277Ah STANDARD MODUL				Note
			277Ah1p6s	277Ah1p8s	277Ah1p11s	277Ah1p12s	
1	Nominal Voltage (V)		19.32	25.76	35.42	38.64	
2	Voltage (V)	min	12	16	22	24	T > 0°C
3		max	21.9	29.2	40.15	43.8	
4	Nominal capacity (Ah)		277	277	277	277	1/3C 100%DoD
5	Nominal energy (kWh)		5.352	7.136	9.811	10.216	1/3C 100%DoD
6	Group mode		1p6s	1p8s	1p11s	1p12s	
7	End of life residual capacity (Ah)		221.6				80%DoD
8	Modul weight (kg)		40.78	44.92	61.32	67.94	
9	Max continuous charge current (A)		277				
10	Max continuous discharge current (A)		277				
11	Max pulse discharge current (<180s)		554				
12	SOC operating range (%)		10-100				
13	Insulation requirements (MOhm)		≥20				
14	Modul cooling method		Natural cooling				PTC heater or watercooled plate
15	Modul heating method		No				
16	Shipping capacity (SOC)		50% ±6%				SOC is consistent in the same batch
17	Dimension L (mm)		482.1	677.6	892.1	963.6	Without bracket
	Dimension B (mm)		180	180	180	180	
	Dimension H (mm)		225	225	225	225	