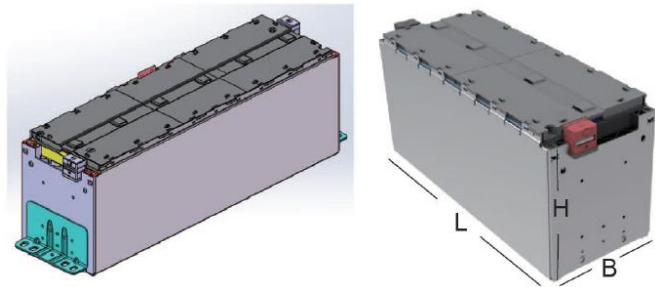


## Lithium-Ion-Module

# EP-LFP240Ah-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-LFP240Ah STANDARD MODUL				Note	
		240Ah1p6s	240Ah1p8s	240Ah1p11s	240Ah1p12s		
1	Nominal Voltage (V)	19.2	25.6	35.2	38.4		
2	Voltage (V)	min	15	20	27.5	30	T > 0°C
3		max	21.9	29.2	40.15	43.8	
4	Nominal capacity (Ah)	240	240	240	240	1/3C 100%DoD	
5	Nominal energy (kWh)	4.608	6.144	8.448	9.216	1/3C 100%DoD	
6	Group mode	1p6s	1p8s	1p11s	1p12s		
7	End of life residual capacity (Ah)	192				80%DoD	
8	Modul weight (kg)	40	43.96	60	66.5		
9	Max continous charge current (A)	240					
10	Max continous discharge current (A)	240					
11	Max pulse discharge current (<180s))	480					
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% +-5%				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		