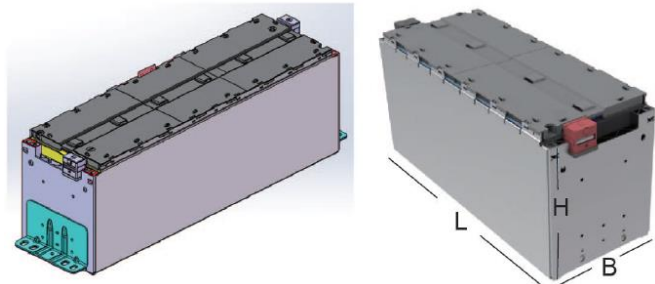


## Lithium-Ion-Module

# EP-LFP176Ah-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-LFP176Ah STANDARD MODUL			Note
			176Ah1p11s	176Ah1p15s	176Ah1p16s	
1	Nominal Voltage (V)		35.2	48	51.2	
2	Voltage (V)	min	27.5	37.5	40	
3		max	40.15	54.75	58.4	
4	Nominal capacity (Ah)		176	176	176	1/3C 100%DoD
5	Nominal energy (kWh)		6.195	8.448	9.011	1/3C 100%DoD
6	Group mode		1p11s	1p15s	1p16s	
7	End of life residual capacity (Ah)		140.8			80%DoD
8	Modul weight (kg)		45.97	62	66.5	
9	Max continuous charge current (A)		176			
10	Max continuous discharge current (A)		176			
11	Max pulse discharge current (<180s) (A)		352			
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)		695.2	909.6	963.2	Without bracket
	Dimension B (mm)		180	180	180	
	Dimension H (mm)		225	225	225	