

Lithium-Ion-Pack

EP-LFP240Ah-Pack

Advantage

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



Lithium-ion batterie pack 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 packs.

No.	Items	EP-LFP240Ah STANDARD PACK			Note	
		240Ah1p36s	240Ah1p33s	240Ah1p24s		
1	Nominal Voltage (V)	115.2	105.6	76.8		
2	Voltage (V)	min	90	82.5	60	
		max	131.4	120.45	87.5	
3	Group mode	1p36s	1p33s	1p24s		
4	Nominal energy (kWh)	27.65	25.34	18.43	1/3C, 25°C+-2°C, 100%DoD	
5	Available energy (kWh)	27	24.8	18		
6	Weight (kg)	238	220	201		
7	Energy density (Wh/kg)	≥120				
8	Nominal capacity (Ah)	240				
9	End of life residual capacity (Ah)	192			80%DoD	
10	Max continous charge current (A)	240				
11	Max continous discharge current (A)	240				
12	Max pulse charge current (<10s) (A)	360				
13	Max pulse discharge current (<180s) (A)	480				
14	Humidity range	5% ~ 95%				
15	Self discharge	<3%			25+-2°C, 50% SOC	
16	SOC operating range (%)	20-100				
17	Insulation requirements (MOhm)	≥20			1000V DC	
18	Protection class	IP68				
19	Modul cooling method	Natural cooling			PTC heater or watercooled plate	
20	Modul heating method	No				
21	Dimension L (mm)	1060	1010	820	Without bracket	
	Dimension B (mm)	630	630	630		
	Dimension H (mm)	240	240	240		