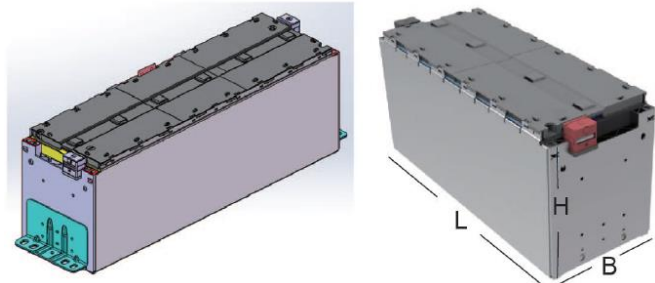


## Lithium-Ion-Module

# EP-LFP206Ah-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-LFP206Ah STANDARD MODUL |            |            | Note                                |
|-----|--|----------------------------|------------|------------|-------------------------------------|
|     |  | 206Ah1p11s                 | 206Ah1p15s | 206Ah1p16s |                                     |
| 1   | Nominal Voltage (V)                    | 35.42                      | 48.3       | 51.52      |                                     |
| 2   | Voltage (V)                            | min                        | 22         | 30         | T > 0°C                             |
| 3   |  | max                        | 40.15      | 54.75      |                                     |
| 4   | Nominal capacity (Ah)                  | 206                        | 206        | 206        | 1/3C<br>100%DoD                     |
| 5   | Nominal energy (kWh)                   | 7.297                      | 9.950      | 10.613     | 1/3C<br>100%DoD                     |
| 6   | Group mode                             | 1p11s                      | 1p15s      | 1p16s      |                                     |
| 7   | End of life residual capacity (Ah)     | 164.8                      |            |            | 80%DoD                              |
| 8   | Modul weight (kg)                      | 47.07                      | 63.5       | 68.1       |                                     |
| 9   | Max continous charge current (A)       | 206                        |            |            |                                     |
| 10  | Max continous discharge current (A)    | 206                        |            |            |                                     |
| 11  | Max pulse discharge current (A)(<180s) | 412                        |            |            |                                     |
| 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)                       | 695.2                      | 909.6      | 963.2      | Without bracket                     |
|     | Dimension B (mm)                       | 180                        | 180        | 180        |                                     |
|     | Dimension H (mm)                       | 225                        | 225        | 225        |                                     |