

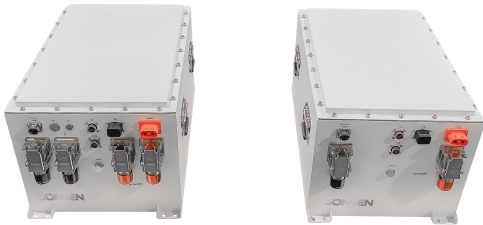


# EM-LFP72-346

## Lithium Boat Battery



## EM-LFP72-346 Lithium Boat Battery

| Characteristic (Two Battery Packs)                                                                                                                                                                                                                                                                                                                                                                   | Photo for reference                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Nominal voltage (V) 73.6V<br>Nominal capacity (Ah) 346 Ah<br>Total energy (Kwh) 25.46 Kwh<br>Voltage range (V) 57.5 -83.95V<br>Standard charging current (A) 50A<br>Max charging current (A) 100 A<br>Standard discharging current (A) 300A<br>Max discharging current (A) 600 A<br>BMS power consumption (W) <1.5W<br>Design life More than 10 years<br>Cycle life More than 4000 cycles at 80% DOD |    |
| Dimensions & Weight for Single Battery Pack                                                                                                                                                                                                                                                                                                                                                          |                                                                                      |
| Dimension (mm) Custom<br>(can be customize) (W 593×D 353×H 325)<br>System weight (kg) About 95                                                                                                                                                                                                                                                                                                       |                                                                                      |
| Environment                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                      |
| Operation thermal ambient (°C) Charge: 0°C ~ 55°C<br>Discharge: -20°C ~ 55°C<br>Storage temp <1month: -20°C ~ 45°C<br><3month: -20°C ~ 40°C<br>3-6month: -20°C ~ 25°C<br>Storage humidity <80%<br>Protection grade IP67                                                                                                                                                                              |  |
| Protection                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                      |
| Over-current protection YES<br>Over-voltage protection YES<br>Under-voltage protection YES<br>Over-temperature protection YES<br>Short-circuit protection YES                                                                                                                                                                                                                                        |                                                                                      |

### Applications

Electric Pontoon  
 Outboard Motors  
 Hybrid & Commercial  
 Vessels E-boats  
 Tour Boats

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