

# Specification of WEV-1 (2012)

## > Base Vehicle

Prototype Car

made by SHOWA AIRCRAFT

L × W × H            1.97 × 1.09 × 1.57m

Capacity            1person

## > Vehicle Performance

Range            17km@30km/h

Elec. Economy    14km/kWh@30km/h

Weight            400kg

## > Motor (Induction type)

Max. Power        0.6kW

## > Main Battery (LiFePO<sub>4</sub>Li-ion type)

Rated Voltage     50V

Capacity           1.2kWh(24Ah)

Cell Connection   16s × 4p

## > Charging System (Conductive type)

Rapid Charger    60V/100A@AC200V-input

Normal Charger   60V/4A@AC100V-input



LiFePO<sub>4</sub> Li-ion Battery