Specification of WEV-1 (2012)

> Base Vehicle

Prototype Car

made by SHOWA AIRCRAFT

 $L \times W \times H$ 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 (LiFePO₄Li-ion type)

Rated Voltage 50V

Capacity 1.2kWh(24Ah)

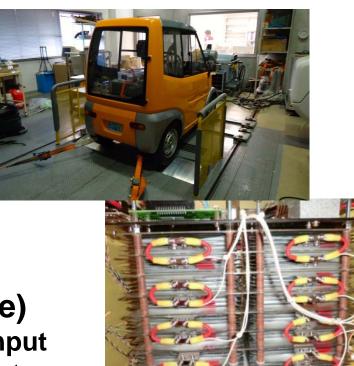
Cell Connection 16s×4p

> Charging System (Conductive type)

Rapid Charger 60V/100A@AC200V-input

Normal Charger 60V/4A@AC100V-input





Li-ion Battery