

APOLLO 750

Medium Low-floor Electric Bus with Fast Charging



Interior & Exterior



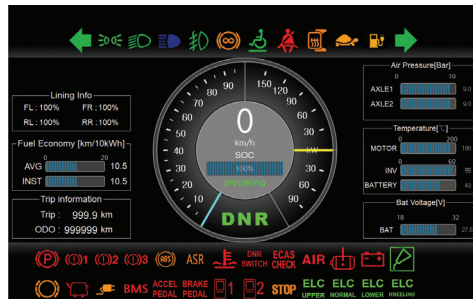
- Low floor structure for the vulnerable users
- Wide space for the passengers to get into and out of the bus
- Luxury interior



- Wheelchair ramp

Driving System

- Comfortable seat is applied for the driver's ride comfort
- Switches are located at the optimized position



Monitoring system

- Checking the status of the bus (Mileage, Battery, Failure, etc.)

Battery

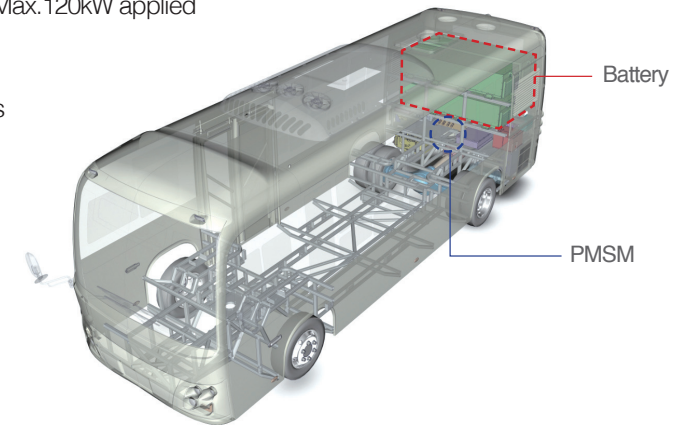
- Li-ion battery
- 268km operation on a single charge

Mileage on a single charge(city operation)

• Spring · Autumn : 235km / • Summer : 180km / • Winter : 150km

Motor

- PMSM with Max. 120kW applied
- Permanent Magnet Synchronous Motor

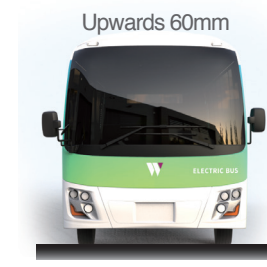


Benefit

- First medium low-floor electric bus at Korea
- Excellent ride quality with full air suspension and front independent suspension
- Luxury non-slip mat
- Fire detection and Automatic fire extinguishing system



Boarding and alighting for the vulnerable users

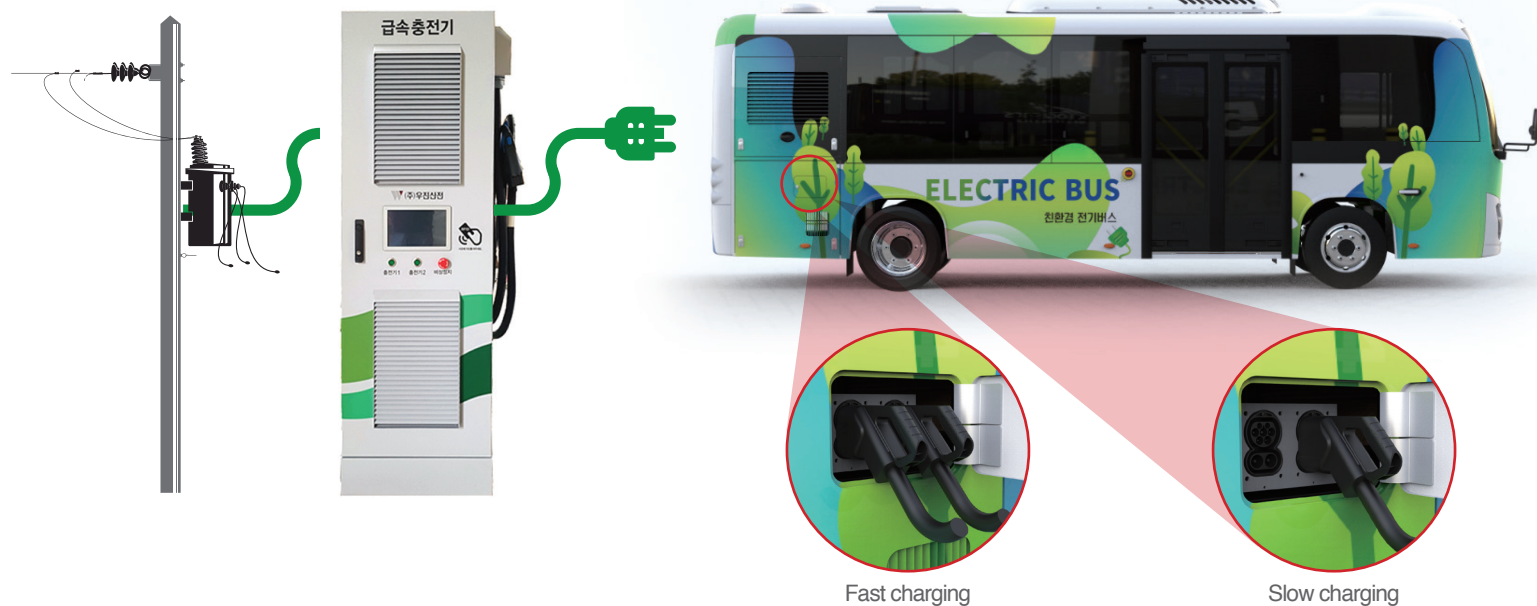


Rough road operating

Kneeling System

- Vehicle's height can be adjusted automatically according to road and operation condition
- Driver can change the mode of height
- Kneeling function is available when passengers are boarding and alighting

Charging System



Fast Charger for Electric bus

- New technology charging and operation system
- Touch screen panel
- IP rating 44 and it can be installed externally
- Support the DC COMBO2 type of charging
- Electric cost saving by power factor control
- Easy maintenance by using power module
- Remote monitoring system via WIFI or LTE network
- Two vehicles can be charged simultaneously (300kW charger)

Item	Specification
Charging Capacity	300kW / 160kW
Type of Charging	DC COMBO2
Output	150 ~ 950Vdc
Efficiency	94%
Size (mm)	800(W) x 900(D) x 1850(H)
Cooling System	Air-cooled
IP rating	IP44
Display	Touch Screen Panel
Communication	WIFI, LTE network

Specifications



Item		Specification
Overall Length(m)		7.5
Overall Width(m)		2.2
Overall Height(m)		2.9
Wheelbase(m)		4.2
Number of passengers(person)		22(13+8+1)
Motor	Max. Power (kW)	120
	Max. Torque (Nm)	675
Battery type		Li-ion
Single charge mileage(km)		268
Max. Vehicle speed (Km/h)		83
Max. Gradability (%)		25
Tire		215 75R 17.5



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