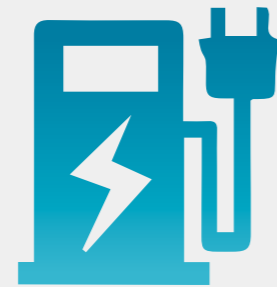


\$ Economic Benefits Singapore Case



Energy Saving

CO₂ Tailpipe Emission Elimination

	One e6 Saving 12,410 SGD in 1 Years	Average Gasoline Taxi
26 kWh ^①	Energy Consumption / 100 km	10L
0.2/kWh	Energy Price (SGD)	1.2/L
5.2	Cost/100 km	12
500	Highest Daily Mileage (km) ^②	500
9,490	Total Cost (SGD)	21,900

The data collected was based on the highest single mileage of the e6 taxi in Singapore from December 2014 to January 2017.

Note: Calculation Based on Singapore Energy Price(1 SGD = 4.82 CNY).

① Due to changes in road conditions and driving habits, the actual date may be different with ECE data.

② The above operational information collected from Singapore real data 2014-2017.

0 Emissions zero

Zero Pollution
Non-toxic Battery
Silent Driving

19.5 kWh/100km

Low-cost Operation
19.5 kWh/100km (Average under 15 ECE operating conditions)

2 Hours

Optimized Charging
2 hours to charge from 0 to 100% SOC (State of Charge)

400 km

Extended Driving Range
400 km on a Single Charge
Regenerative Braking

450 N.m

Excellent Driving Performance
450 N.m Torque
0-60 km/h in 7.69 seconds

5 days household power supply

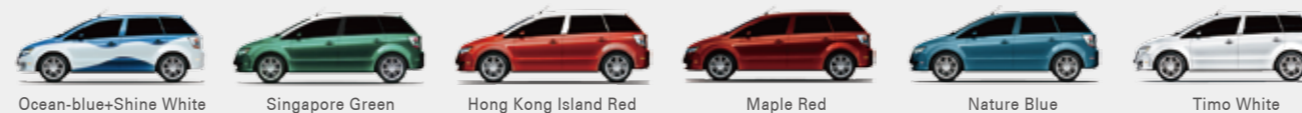
Bi-directional charging/ discharging
The e6 can supply a household's energy demand for 5 days (assuming a consumption of 12 kWh a day)

BYD e6 SPECS

Dimensions	
length/width/height	4,560 mm / 1,822 mm / 1,630 mm
Wheelbase	2,830 mm
Track width (F/R)	1,585 / 1,560 mm
Curb weight	2,420 kg
Maximum load-bearing weight	375 kg
Tires	225 / 65 R17
Interior Dimensions	
Seats	5
Head room (front/rear)	1040/992 mm
Shoulder room (front/rear)	1,471 / 1,454 mm
Hip room (front/rear)	1,406 / 1,340 mm
Leg room (front/rear)	1012/934 mm
Cargo volume	450L
Performance	
Top speed	140 km / h
Minimum turning diameter	11.4m
Minimum ground clearance	120 mm
Approach angle/Departure angle	21°/ 25°
Range ^①	400 km
Chassis	
Overhang (F)	920 mm
Overhang (R)	810 mm
Braking	Regenerative braking, front double calipers, rear single calipers, disc brake
Steering	EHPS, variable for low & high speed maneuvers
Motor	
Motor Type	AC Synchronous Motor(Brushless)
Maximum power	121 hp (90 kW)
Maximum torque	450 N.m
Battery	
Battery Type	BYD Iron-Phosphate Battery
Capacity ^②	80 kWh
Charging	
Charging Time ^③	2h

NOTICE

- ① Test standard GB/T 19754: actual range will vary depending upon driving/charging habits, speed, conditions, weather, temperature, and battery age.
- ② The battery capacity is initial capacity. It will decrease with time and use.
- ③ Charging time depends on the output power of the charging adapter. The battery age, outside ambient temperature both influence charging time as well.
- ④ The above specifications are for the standard vehicle. It is subject to regional needs and regulations.

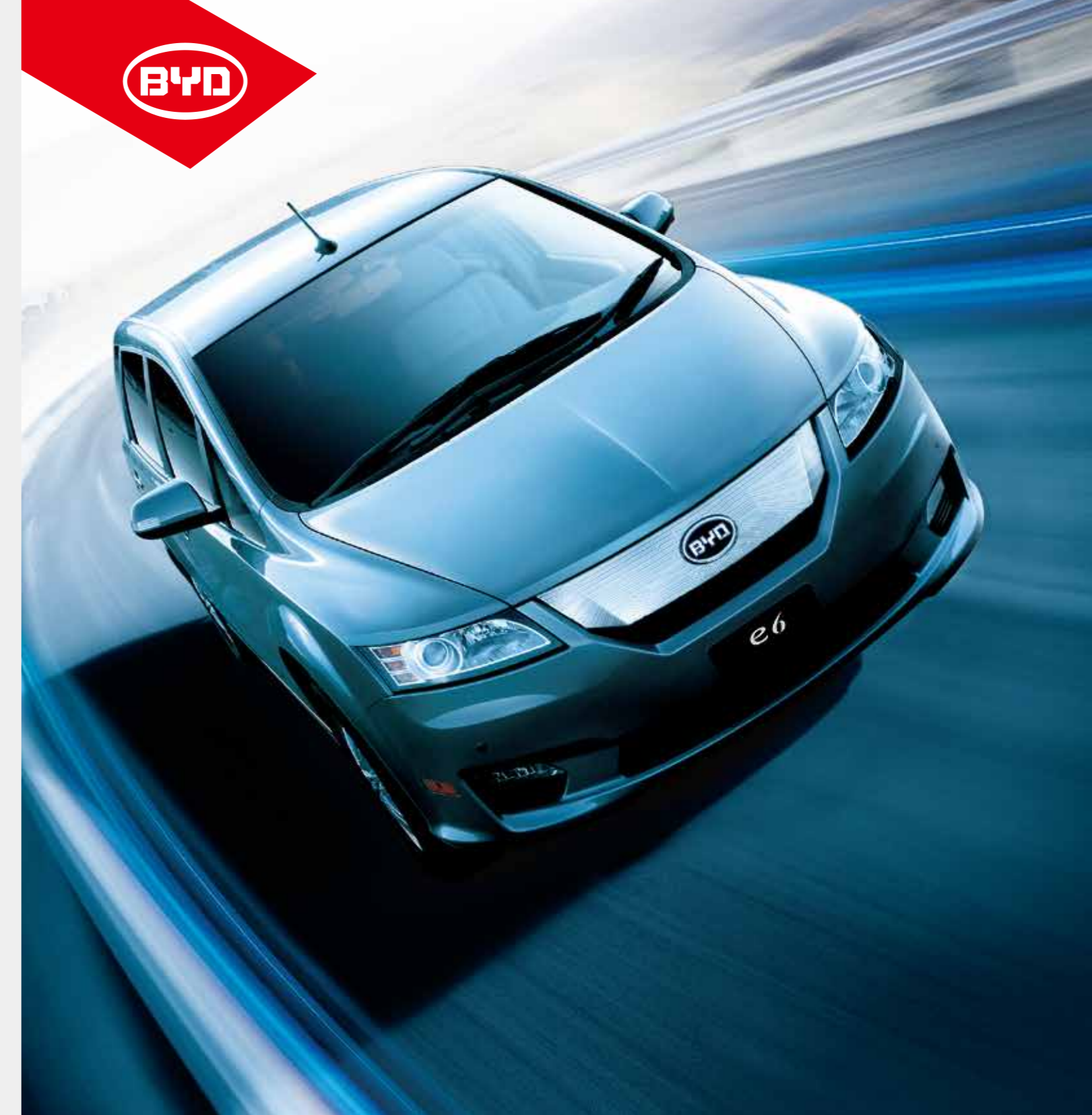


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e6 DESIGNED FOR HIGH-UTILITY FLEET APPLICATIONS





Reliable-Business Case Example Shenzhen Case The Earliest All-Electric Taxi Fleet

Started: May 2010

Fleet: 800 taxis + 500 police cars

Total Mileage: Over 42.1 Million km

Single Mileage: Over 927,000 km (Equivalent to 34 years' usage of a private car)

Battery: Long Cycle Life (Above 4,000 cycles)

As of Dec, 2016



BYD ELECTRIC VEHICLE CHARGING SOLUTIONS

BYD charging points are small and easy to fit. As they don't require a special station, they can be easily placed anywhere a vehicle would be parked, such as home, work, shopping centres and public car parks.



BYD AC Charging Adapter	
APPLICABLE MODEL	AC CHARGING
Length/width/height	690 / 400 / 200 mm
Input voltage	Three phase 380/400V AC
Input current	≤63A
Input power	≤40 kW
Working power frequency	50 / 60 Hz
Output voltage	AC 342V-440V (3 phase)
Output current	≤63A
Standby power	≤40 kW
Output coupler	GB/T 20234 / IEC 62196
Control method	Card swiping/touch screen
Insulation resistance	500V DC, ≥30 MΩ
Insulation voltage	AC 1,800V (input/output grounding)

Vertical Charging Carrousel

Quick Facts:

Space Efficient

Bi-Directional (In Function and Use)



Service Capability	
2	2 = 36 Parking Space Vehicles / Day
12	
2 parking space can be reconstructed to 12 charging space	
12 charging space can serve 36 electric vehicles in a day	

Specifications	
APPLICABLE MODEL	e6
Parking quantity	12 sets
Parkable auto spec	4,560 × 2,068 × 1,800 mm
Weight	2,420 kg
Exterior size	6,600 × 5,500 × 17,000 mm
Drive motor power	18.5 kW
Chain recycling speed	4.8 m/min
Distributed charging power	500 kW
Control method	PLC
Power supply	3 phase 380/400V AC



EV Charging Tower

Floors: 10

Square for each floor: 1,256 m²

Parking space for each floor: 570 m²

Parking accommodation for each floor: 40

Planned total parking accommodation: 400

Quantity of vehicles can be served: 1,200

Charging power of each charging box: 40 kW

Gross Power: 14,400 kW

Transformer: 9 sets 2,000 KVA

High voltage distribution cabinet: 17 sets

Low voltage distribution cabinet: 54 sets

Facilities: Power distribution room (with basement), maintenance workshop, washing room, rest room (charging status, recharge system, invoice printing system, and living facilities)

