EXPO 2017 "NEW POWER CAR"



SHANGHAI INTERNATIONAL NEW ENERGY VEHICLES MANUFACTURING TECHNOLOGY EXPO 2017

June 12-14th, 2017 Shanghai World Expo Exhibition & Convention Center

Electric Powered Car

Advantages over vehicles with internal combustion engines (ICEs): EVs do, however, face significant batteryrelated challenges:

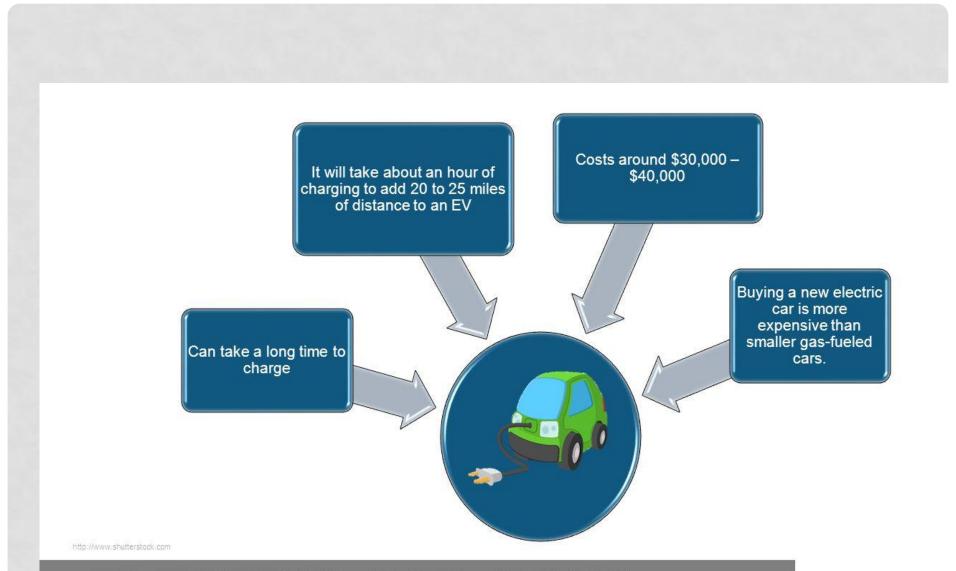
- Energy efficient.
- Environmenstally friendlyc car Recharge time
- Performance benefits.
- Reduce energy dependence.

- Driving range.
 Cor Recharge time.
 - Battery cost:
 - Bulk & weight:

Advantages

Disadvantages





ELECTRIC CAR CONS

Electric Cars CONTROLLER CHARGER CHARGING MOTOR PORT MOTOR BATTER PACK 1. 2. 12 volt c. Batter Controller 4. Transmission Moto 300 volt **Battery Array**

When the pedal is pushed;

- The controller gathers energy from the battery,
- Controller delivers the appropriate amount of electrical energy to the motor.
- Electric energy transforms to mechanical energy.
- 4. Wheels turn, vehicle moves.

3

The most economic car this-power car



GASOLINE-ONLY

Conventional cars run on gasoline and tend to be dirtier and more expensive to fuel than EVs.

PLUG-IN HYBRID ELECTRIC

Plug-in hybrids use both gasoline and electricity and can be recharged from an outlet.

	PER MILE
∍√⊊⊋ ≥ 209	(i) GRAMS OF CO ₂ e PER MILE
	(j) GRAMS

OF CO₂e PER MILE

AVERAGE EMISSIONS NATIONWIDE

0

701 GRAMS

BATTERY ELECTRIC

Battery electric vehicles run on electricity and are some the cleanest and cheapest cars to drive.

Электромобили



Электромобиль — автомобиль, приводимый в движение одним или несколькими электродвигателями с питанием от автономного источника электроэнергии (аккумуляторов, топливных элементов и т. п.), а не двигателем внутреннего сгорания. Электромобиль следует отличать от автомобилей с двигателем внутреннего сгорания и электрической передачей, а также от троллейбусов и трамваев.

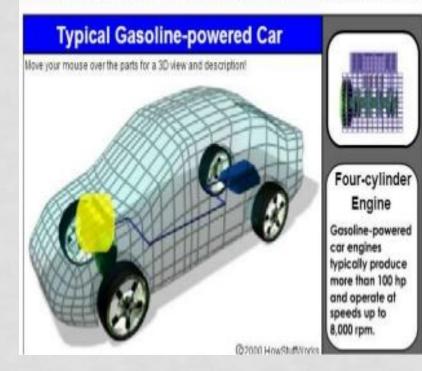




Gasoline Power vs. Electric Power

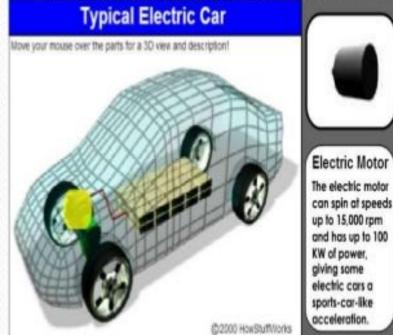
Gas-powered car

 It has a fuel tank, which supplies gasoline to the engine. The engine then turns a transmission, which turns the wheels.



Electric-powered car

 On the other hand, it has a set of batteries that provides electricity to an electric motor. The motor turns a transmission, and then it turns the wheels.



B.TECH. TECHNICAL SEMINAR PRESENTATION-2014



Charger

 It contains a plug that connects electric vehicle batteries to an electrical source, providing the batteries with electrical energy.



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IN THE AWAKING CAR TIME SO WILL REFUEL

