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TESLA
Uncompromised All-Electric Vehicles

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Tesla Roadster



- “Performance with a clean conscience”
- Faster than other supercars – zero tailpipe emissions
- 0-97 kph acceleration: 3.7 seconds (Sport model)
- Range: 394 km (US EPA testing)

2010 Japan Prices:

Base: ¥ 1280万～
(税込み)




Sport: ¥ 1480万～
(税込み)



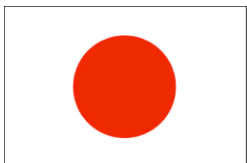
Pure EVs vs. Hybrids



The Tesla Roadster is a battery-electric vehicle that consumes no petroleum whatsoever. By contrast, hybrids consume petroleum.

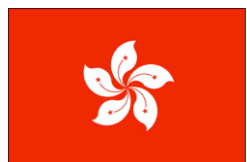
	Example	Powertrain	Distinction
Increasing use of electricity ↓	Hybrid <ul style="list-style-type: none">• Toyota Prius 	<ul style="list-style-type: none">• Electric motor and small battery• Internal combustion engine	<ul style="list-style-type: none">• Engine may shut down when car stops (e.g., at a stop light)• Battery can capture energy from braking• Engine can recharge battery
	Plug-in hybrid <ul style="list-style-type: none">• Opel Ampera (expected soon) 	<ul style="list-style-type: none">• Electric motor and small battery• Internal combustion engine to extend range	<ul style="list-style-type: none">• Car uses electricity on short-haul trips if battery is charged.• Car uses engine whenever battery is not charged.• Plugging into an outlet can recharge battery.
	Pure EV <ul style="list-style-type: none">• Tesla Roadster 	<ul style="list-style-type: none">• All-electric powertrain• Charger is on board the car• Plugs into conventional outlets	<ul style="list-style-type: none">• Runs purely on electricity• More torque than you can imagine• Does not burn petroleum• “Energy agnostic”: Can be fully or partially recharged using renewable energy, including solar, wind, hydro or tidal

Countries Want Clean Cars! For Example:



Japan

- Fully exempt from standard vehicle taxes through 2012
 - 自動車税
 - 自動車取得税
 - 自動車重量税
- Eligible for 3,240,000 yen in cash rebate



Hong Kong

- First Registration Tax waived
- Government supporting dedicated free charging points throughout city



Singapore

- 40% discount on Additional Registration Fee
- TIDES program tax exemption



Taiwan

- Three-year suspension of commodity tax and vehicle license tax on electric cars

Tesla's World-Class Powertrain



Controls and Software

**Proprietary 56 kWh
Lithium ion battery
pack**

**Proprietary 288hp
AC Induction Motor
and Gearbox**

**Power Electronics
Module
(DC-AC Inverter, Charger)**

Infrastructure Isn't the Problem



Full Charge Range



新潟
338km

仙台
369km

太平洋

名古屋
367km

東京
0km



Driving Is Believing: Try

