What EVs are Available? Plug-in Hybrids & Extended Range EVs - Cars



((
Toyota Prius	£	27-29k	Chevy	£	25-30k	Audi A3 e-Tron	£	35k		
PHEV	Seats	5	Volt/Vauxhall	Seats	4	PHEV	Seats	5		
	Range	12 EV, ≤700 petrol + EV mode	Ampera EREV	Range	35 EV, ≤ 300 on petrol		Range	31 EV, ≤560 on petrol	1	
	∦ AC ⑦	•		∦ AC ∅	3-4 h	Tam	∦ AC ∅	•		
	∦ DC ∅	N/A	6 6 2	∦ DC ∅	N/A		∦ DC ∅	N/A		
Out Now	Bat	4.4 kWh		Bat	16 kWh	04 2014	Bat	8.8 kWh		
	Con	J1772	Out Now	Con	J1772	Q4 2014	Con	T2		
Mitsubishi	£	28-35k	BMW i3 EREV	£	30k	Ford C-Max	£	?k		
Outlander PHEV	Seats	5		Seats	5	Energi	Seats	5		
	Range	32 EV, ≤500 petrol		Range	100 EV, ≤ 70 on petrol		Range	25 EV, ≤ 500 on petrol + EV mod		
	∦ AC ∅	3-4 h		∦ AC ∅	4 h		∦ AC ∅	3 h		
	∦ DC ∅	CHA 80% in 30min		∦ DC ∅	CCS 80% in 30 min		∦ DC ∅	N/A		
Out Now	Bat	12 kWh	Out Now	Bat	22 kWh	2014/15	Bat	7.6 kWh		
	Con	CHA & J1772	outnow	Con	CCS & T2	2014/15	Con	J1772		
Volvo V60	£	43k	BMW i8 EREV	£	ca. 100k	<pre>f = outright purchase price (with Plug-in grant); f+BR = vehicle purchase with battery rental (with Plug-in grant); // AC ① = AC charging time; // DC ① = DC rapid charging time; Bat = battery size in kWh; Con = vehicle-side connector compatibility;</pre>				
PHEV	Seats	5	DIVIVV IO EREV	Seats	2 plus 2					
SER	Range	31 EV, ≤ 560 diesel		Range	20 EV, ≤280 on petrol					
	∦ AC ∅	3 h	A CAL	∦ AC ∅	2h (16 Amps)					
	∦ DC ∅	N/A		∦ DC ∅	N/A	EV = electric range;		npationity,		
Out Now	Bat	11 kWh	Out Now	Bat	5 kWh	T2 = Type 2 connector;CCS = Combined Charging System connector;CHA = CHAdeMO JARI DC connectorJuly				
•••••	Con	T2		Con	T2 only					

What EVs are Available? Pure Battery EVs - Cars

Citroen c-Zero	£	26k	Ford Focus	£	28k	Nissan Leaf 2	£	16-20k
	Seats	5	EV	Seats	5		Seats	5
	Range	100 EV		Range	100 EV		Range	100 EV
	∦ AC ②	4-5 h		NAC @	4 h		∦ AC	4 h
39	∦ DC ∅	CHA 80% in 30 min		NDC @	N/A		∦ DC ∅	CHA 80% in 30 min
Out Now	Bat	16 kWh	Out Now	Bat	23 kWh	Out Now	Bat	24 kWh
	Con	CHA & J1772		Con	J1772	Out Now	Con	CHA & J1772
	£	15k	Mitsubishi	£	24k		£	26k or 249/month
DAG Smart ED	£+BR	12k + BR	i-Miev	L Seats	5	Peugeot iON		5
for two	Seats	5			-		Seats	
	Range	100 EV		Range	100 EV		Range	100 EV
di electric terre	Nalige	100 L V		NAC @	4-5 h		NAC @	4-5 h
	∦ AC ∅	4-5(1-2)h 7(22)kW		NDC @	CHA 80% in 30	CESS HAFE OF CONTRACT	NDC @	CHA 80% in 30
X I I I I I I I I I I I I I I I I I I I	∦ DC ∅	N/A			min			min
Out Now	Bat	16 kWh	Out Now	Bat	16 kWh	Out Now	Bat	16 kWh
	Con	T2 1p or 3p		Con	CHA & J1772		Con	CHA & J1772

- Pure EVs offer the best emissions reduction (10-40% over diesel No road tax cost; ٠ comparator);
- Electricity cost is 20% of petroleum fuel cost for the same range;
- ULEV status of under 75gCO₂/km;
- No Benefit in Kind taxation;

- Eligible for Enhanced Capital Allowance (write-off against tax in y1);
- All compatible with Type 2 socket charging points;
- Some can be rapid charged at motorway services and some EV dealerships



What EVs are Available? Pure Battery EVs - Cars

Renault Zoe	£+BR	14k + BR	VW e-UP	£	19k or 200/month	Mercedes	£	?k
Renduit 200	Seats	5		Seats	5	B-Class EV	Seats	5
	Range	100 EV		Range	118 EV		Range	125 EV
	∦ AC ∅	. , . ,		MAC ∅			∦ AC	4 h @7kW 3h @11kW
	NDC @			NDC @			M DC ∅	N/A
Out Now	Bat	22 kWh	Out Now	Bat	24 kWh		,	
	Con	T2 1p or 3p		Con	CCS & T2	Q4 2014	Bat	28 kWh
Renault	£+BR	18k + BR	Chevy	£	?		Con	T2 1p or 3p
Fluence	Seats	5	Spark EV	Seats	2 +2	VW e-Golf	£	25k
Theree	Range	100 EV	•	Range	82 EV		Seats	5
	_		aran.	-			Range	118 EV
	∦ AC			,	6 h		∦AC ∅	4 h
	∦ DC	N/A		NDC @	CCS 80% in 30 min	S	NDC @	CCS 80% in 30 min
Out Now	Bat	22 kWh	2014/2015	Bat	20 kWh	04 2014	Bat	24 kWh
Out NOW	Con	J1772	2014/2013	Con	CCS & T2	Q4 2014	Con	CCS & T2
Tesla	£	50-80k	Kia Soul EV	£	?k			
Model S	Seats	5 + 2 child seats		Seats	5	1p or 3p = vehicle a power from a charg	1 0	e or three phase AC
	Range	240 or 312 EV		Range	100 EV	TS = Tesla Supercha	01	
SEA A	∦ AC ∅	8-12 h (@7kW)		∦ AC ∅	4-5 h			
	∦ DC ∅	TS 70% in 30 min		∦ DC ∅	CHA 80% in 30			
		CHA 35% in 30min	2014/2015		min			
Out Now	Bat	60 or 85 kWh		Bat	23 kWh			
	Con	T2 1p or 3p		Con	CHA & J1772			



What EVs are Available? Pure Battery EVs - Vans



Mercedes Vito	£	600/month	Renault	£+BR	13k + BR	Citroen	£	17k
E-Cell Van	Seats	2 (van)	Kangoo ZE	Seats	2 (van)	Berlingo	Seats	2 (van)
	Range	80 EV		Range	100 EV	Barrial	Range	106 EV
	Pld	775 kg		Pld	650 kg	12	Pld	636 kg
zero emission	∦ AC ∅	5 h		MAC @	6 h		∦ AC ∅	6 h
Out Now	∦ DC ∅	N/A		N DC @	N/A		∦ DC ∅	CHA 80% in 30min
	Bat	36 kWh		Bat	22 kWh	2014/15	Bat	22 kWh
	Con	T2 1p or 3p		Con	J1772		Con	CHA & J1772
Nissan	£	17k (van) or 23k (taxi)	• Most EVs typi	cally hav	ve a range of up	Peugeot	£	17k
e-NV200	£+BR	14k + BR (van) or	to 100 miles;			Partner	Seats Range	2 (van) 106 EV
		18k + BR (taxi)	 Many vehicles 	s suitable	e for different	2014/15	Pld	636 kg
A A A	Seats	2 (van), 4 (taxi)	duties;				MAC ∅	-
	Pld	728 kg	All compatible	e with Ty	vpe 2 socket		M DC ∅	CHA 80% in 30min
	Range	100 EV	charging poin	ts;			Bat	22 kWh
	∦ AC ∅	4 h	• Some can be	rapid cha	arged at		Con	CHA & J1772
Out Now	∦ DC ∅	CHA 80% in 30min	motorway ser	vices an	d some EV		com	
	Bat	24 kWh	dealerships			<pre>f = outright purchase price (with Plug-in grant); f+BR = vehicle purchase price with battery rental (with Plug in grant);</pre>		
	Con	CHA & J1772						

Plug-in grant);

Pld = van payload mass in kg