

Driving Your E-Car on Solar ¹

Make	KwH for 12K miles/year	Solar Array Req'd KW	Array Net Cost (VT)	ROI (years) ²	Array Net Cost (NH)	ROI (years) ²
Volt	4200	4.1	\$10,762.50	6.08	\$9,327.50	5.27
Smart	3840	3.7	\$9,712.50	5.48	\$8,417.50	4.75
Fiat	3480	3.4	\$8,925.00	5.04	\$7,735.00	4.37
Focus EV	3840	3.7	\$9,712.50	5.48	\$8,417.50	4.75
Ford C-Max	4080	3.9	\$10,237.50	5.78	\$8,872.50	5.01
Mitsubishi	3600	3.5	\$9,187.50	5.19	\$7,962.50	4.50
Leaf	3480	3.4	\$8,925.00	5.04	\$7,735.00	4.37
Fit EV	3480	3.4	\$8,925.00	5.04	\$7,735.00	4.37
RAV-4 EV	5280	5.1	\$13,387.50	7.56	\$11,602.50	6.55
Prius Plug-In	3480	3.4	\$8,925.00	5.04	\$7,735.00	4.37
Tesla 85	4560	4.4	\$11,550.00	6.52	\$10,010.00	5.65
Tesla 60	4200	4.1	\$10,762.50	6.08	\$9,327.50	5.27

¹ After rebates and tax credits

² gas milage
25

² gas costs
\$3.69



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