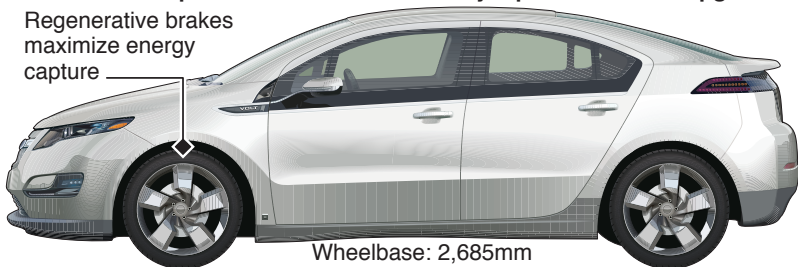


Chevy Volt could recharge auto industry

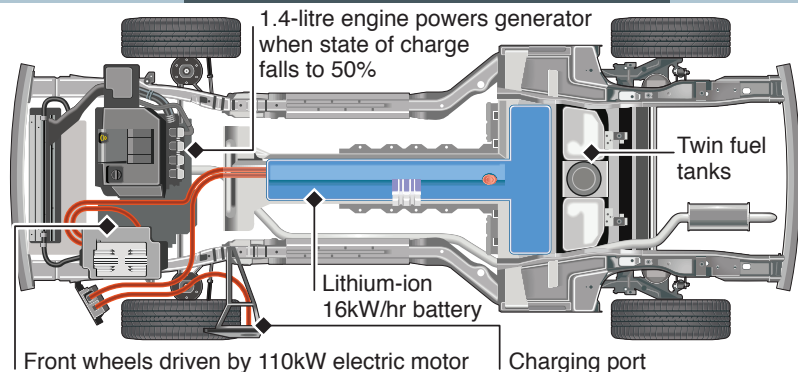
General Motors' Chevrolet Volt will drive 40 miles on a charge and uses a petrol engine as a generator to recharge its batteries for longer rides.

The 100mph-Volt boasts fuel economy equivalent to 157mpg

Regenerative brakes
maximize energy
capture



Wheelbase: 2,685mm



1.4-litre engine powers generator
when state of charge
falls to 50%

Twin fuel
tanks

Lithium-ion
16kW/hr battery

Front wheels driven by 110kW electric motor

Charging port



Range: 360 miles

Re-charge time:
3 hours at 220 volts

Cost of 40-mile
journey:*

\$1.23

*Based on electricity price
of \$0.14 per kW/hr

Sources: GM, Argonne National Laboratory © GRAPHIC NEWS