



## Case study.



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# Wind-Do

**This car fabricator use Wind-Do energy management system as power source for his electric motor.**

This vehicle use 96 standard batteries pack from Wind-Do system, 80 of them are easily accessible from the back of the car (our picture) and 16 more are very close to the motor and can be access from the front.

The car constructor recommend to use the most powerful batteries pack in the 16 front spaces, as they are more directly connect to the motor. They also recommend the use of at least 6 capacitors packs to ease the start of the car, this user like quick start and had load 16 capacitors in is front spaces.

The Wind-Do energy management system already takes in charge 126 different batteries pack models from 47 fabricators. The software is continuously update by Wind-Do team to properly manage new piles. Update can be load to the car computer with cell phone having Bluetooth or a simple USB key.

The managing system use a minimum of 2 batteries pack to drive the electric motor, but it can used up to 12 cells when more power is require. The less powerful pack can move the car for a little less than 1 kilometre; the best batteries have 3 times this autonomy. Power and speed can be limited by software command, for young or parking valet.

The complete 80 batteries packs can be change in 8 minutes, but this user can reload his piles at home everyday, an have not touch a battery for many months.