



VANTAM



BLUE SKY TRANSPORT DESIGN AWARD

URBAN DELIVERY VEHICLE



Smaller than a truck,  
larger than a bicycle,  
Vantam works in the  
world between those  
extremes, delivering  
packages in the most  
efficient system available  
with current technology.



Vantam is built to the European heavy quadricycle standard.

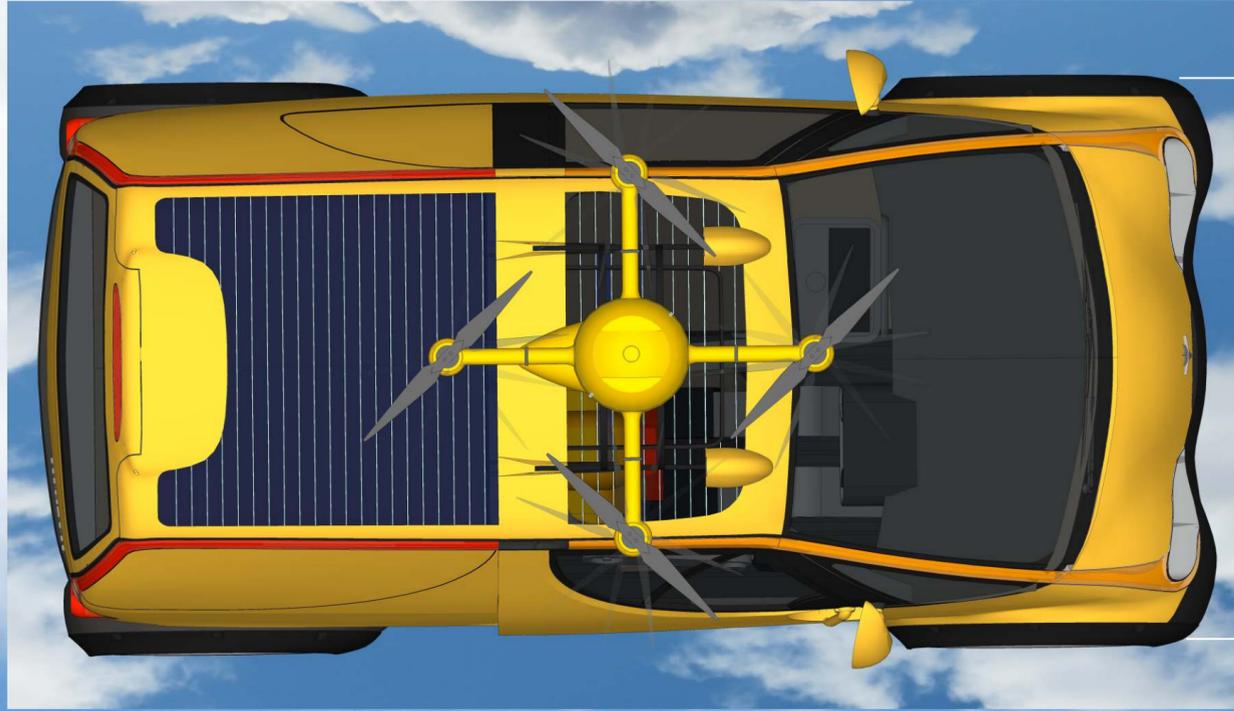
**U R B A N D E L I V E R Y V E H I C L E**

URBAN CONGESTION / AIR QUALITY



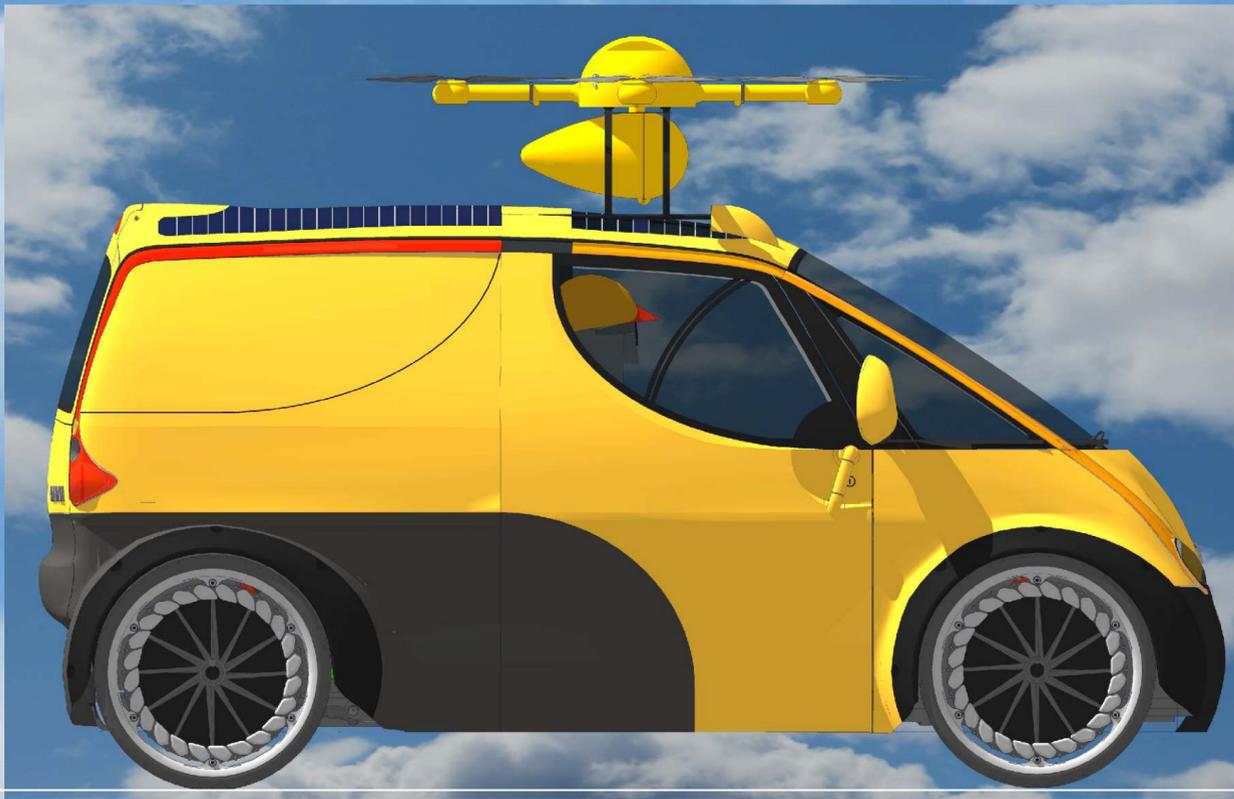
With it's small footprint and emission free drive,  
Vantam fits in anywhere.





1600 mm / 64"

3700 mm / 130"



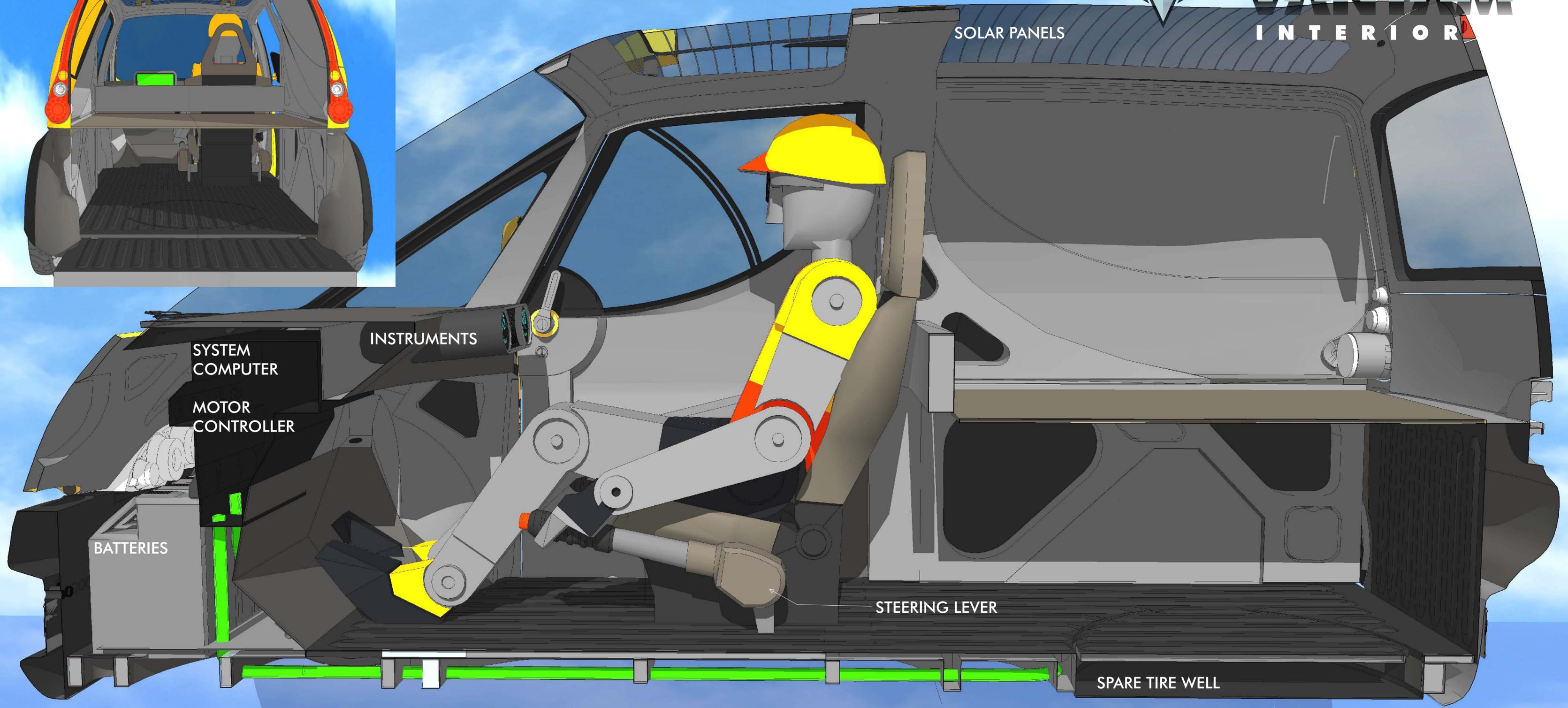
1600 mm / 64"





# VANTAM

## INTERIOR



SOLAR PANELS

SYSTEM  
COMPUTER

MOTOR  
CONTROLLER

BATTERIES

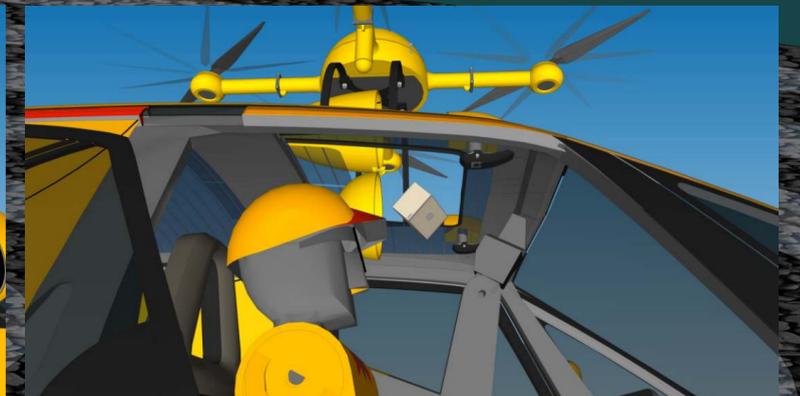
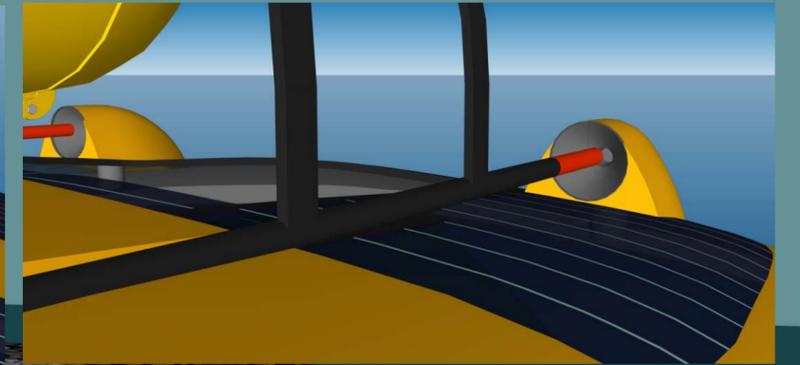
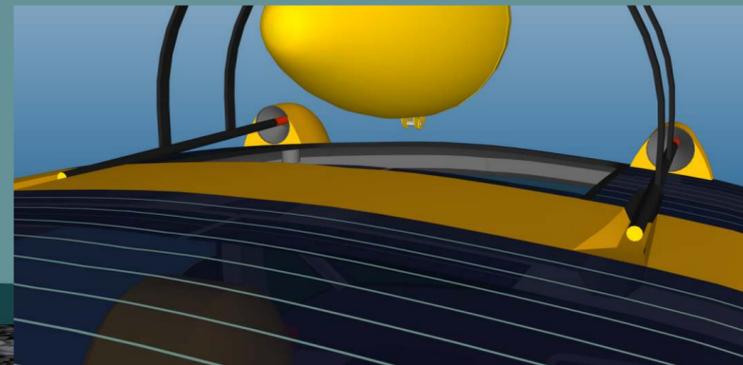
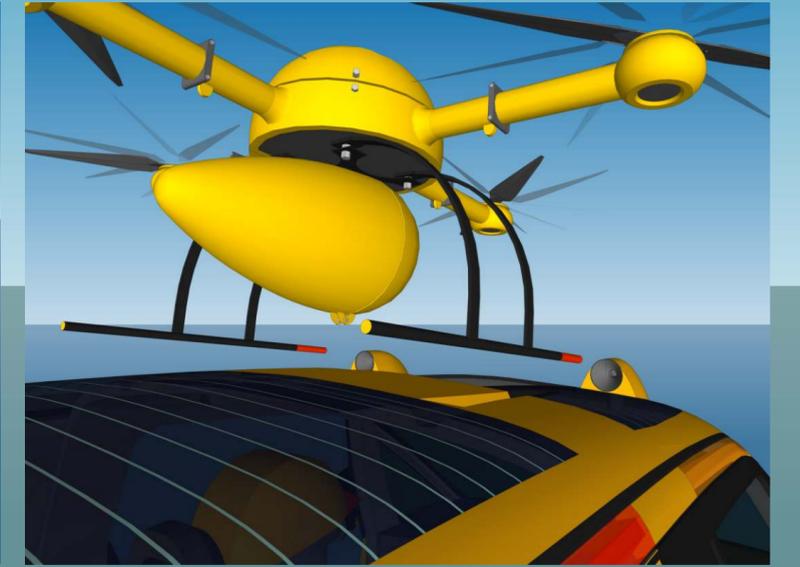
INSTRUMENTS

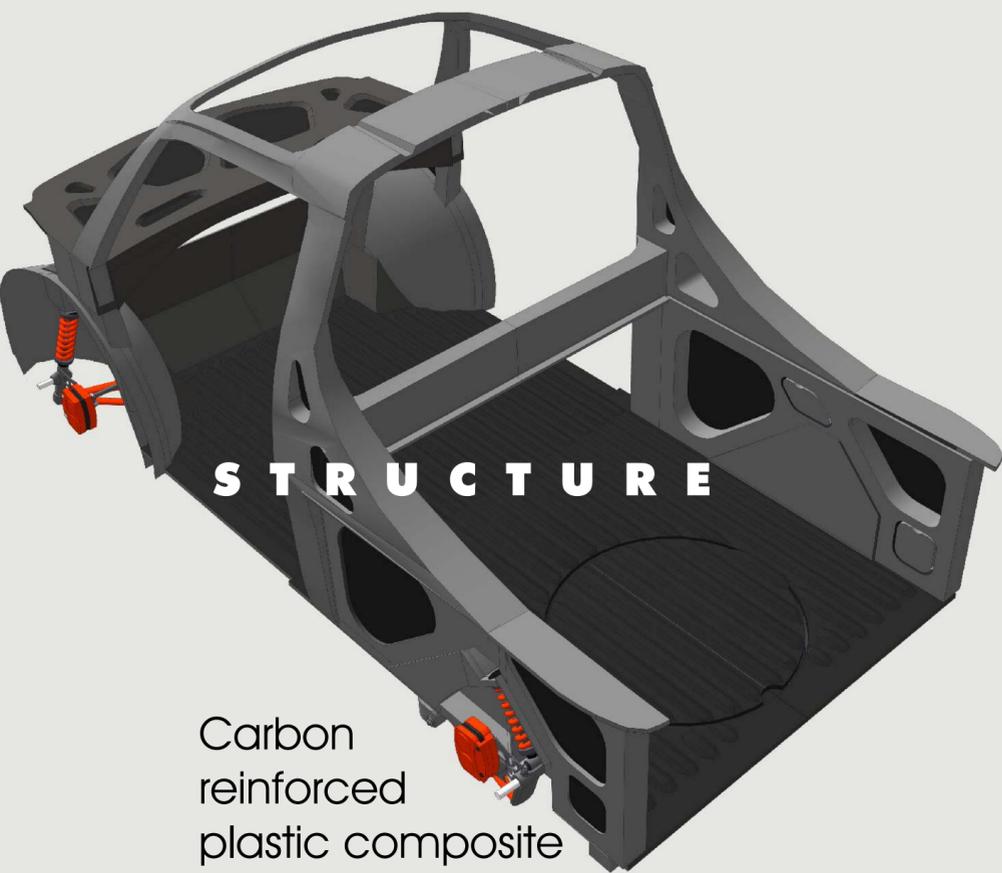
STEERING LEVER

SPARE TIRE WELL



# MOBILE DRONE BASE

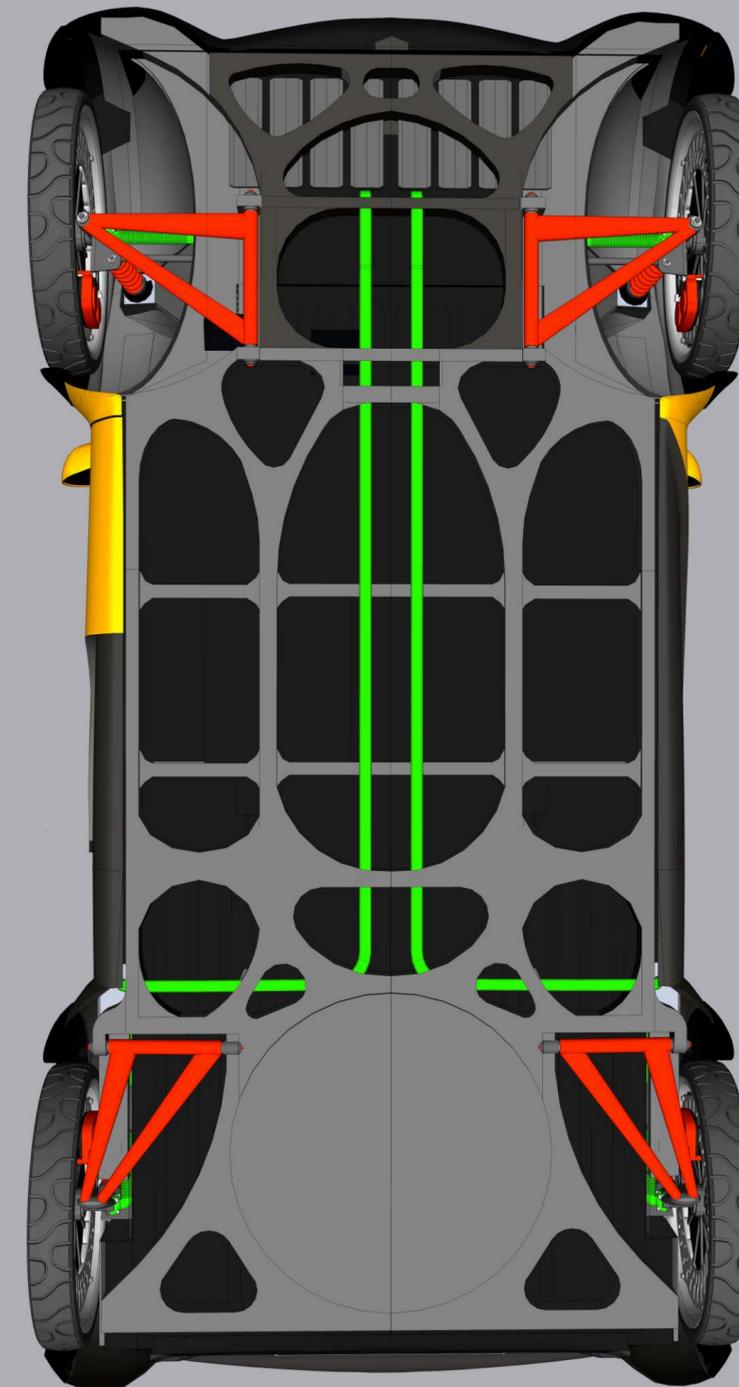
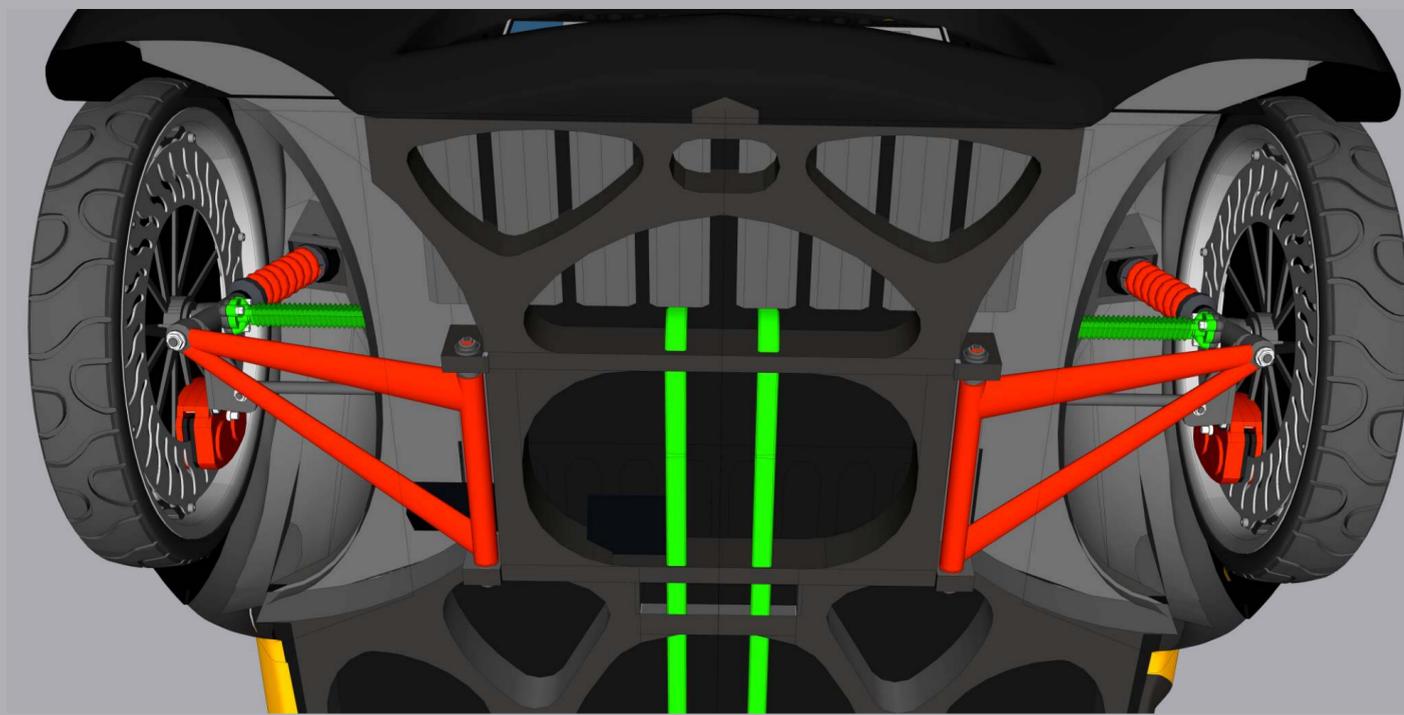




Carbon reinforced plastic composite skeletal semi-monocoque

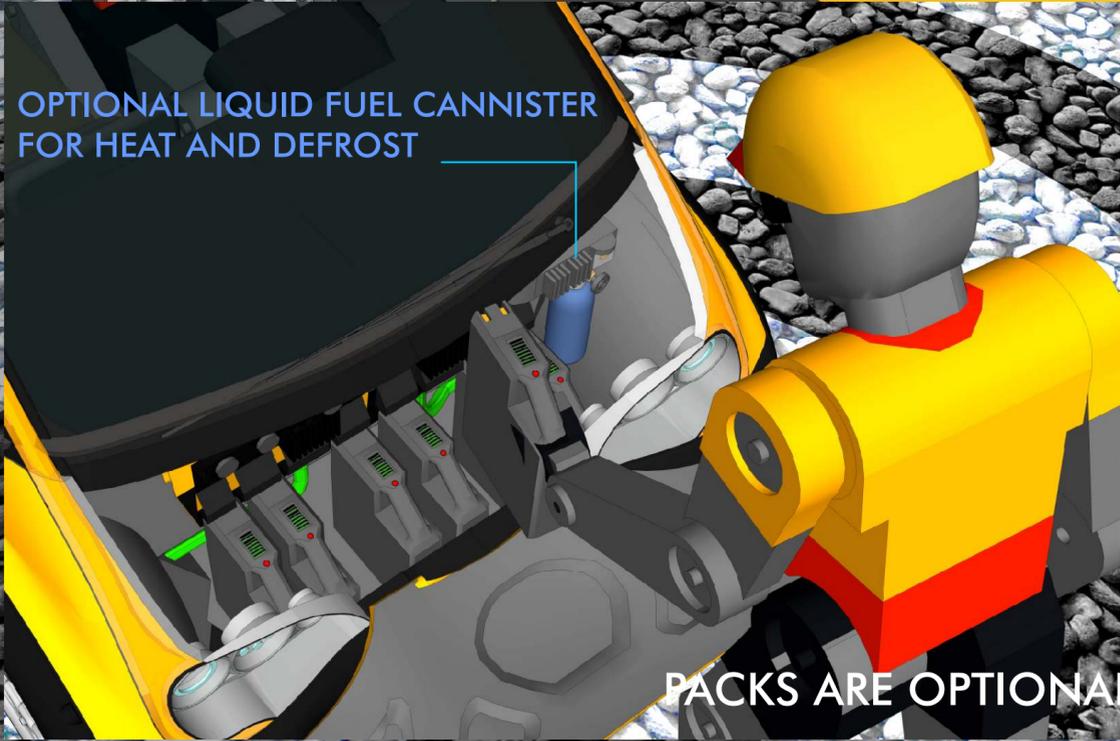
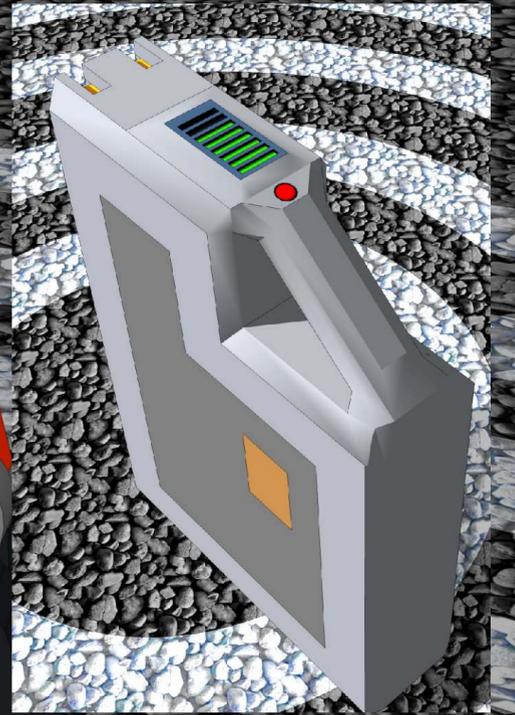


**VANTAM**





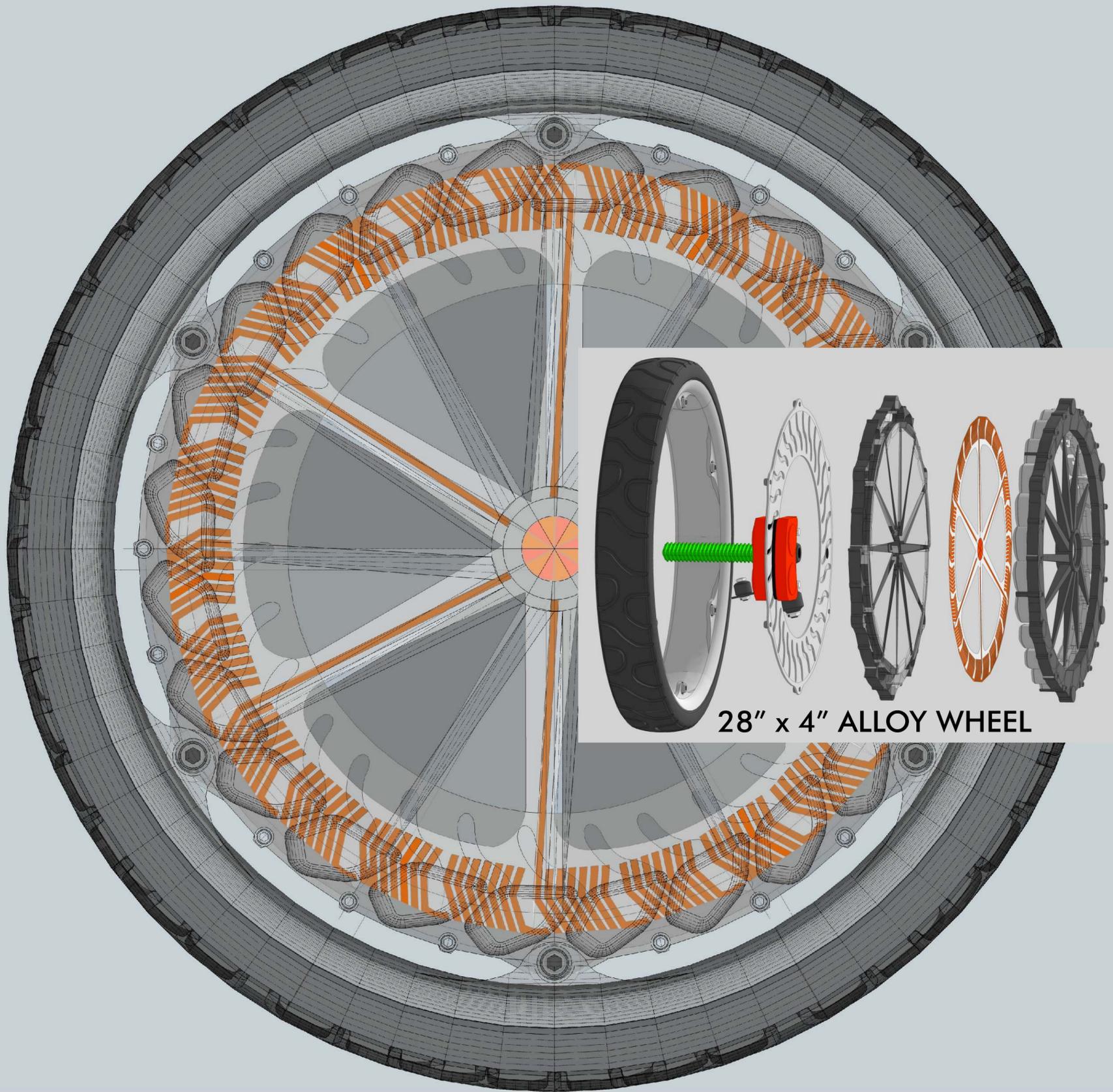
# VANTAM BATTERY



OPTIONAL LIQUID FUEL CANNISTER  
FOR HEAT AND DEFROST

One kilowatt/hour  
lithium polymer  
quick change  
rechargeable  
battery pack with  
state of charge  
indication on  
demand

PACKS ARE OPTIONALLY VARIABLE TO MEET DEMAND > EACH UNIT PROVIDES 10 MILES/16KM DEPENDING ON CONDITIONS



28" x 4" ALLOY WHEEL

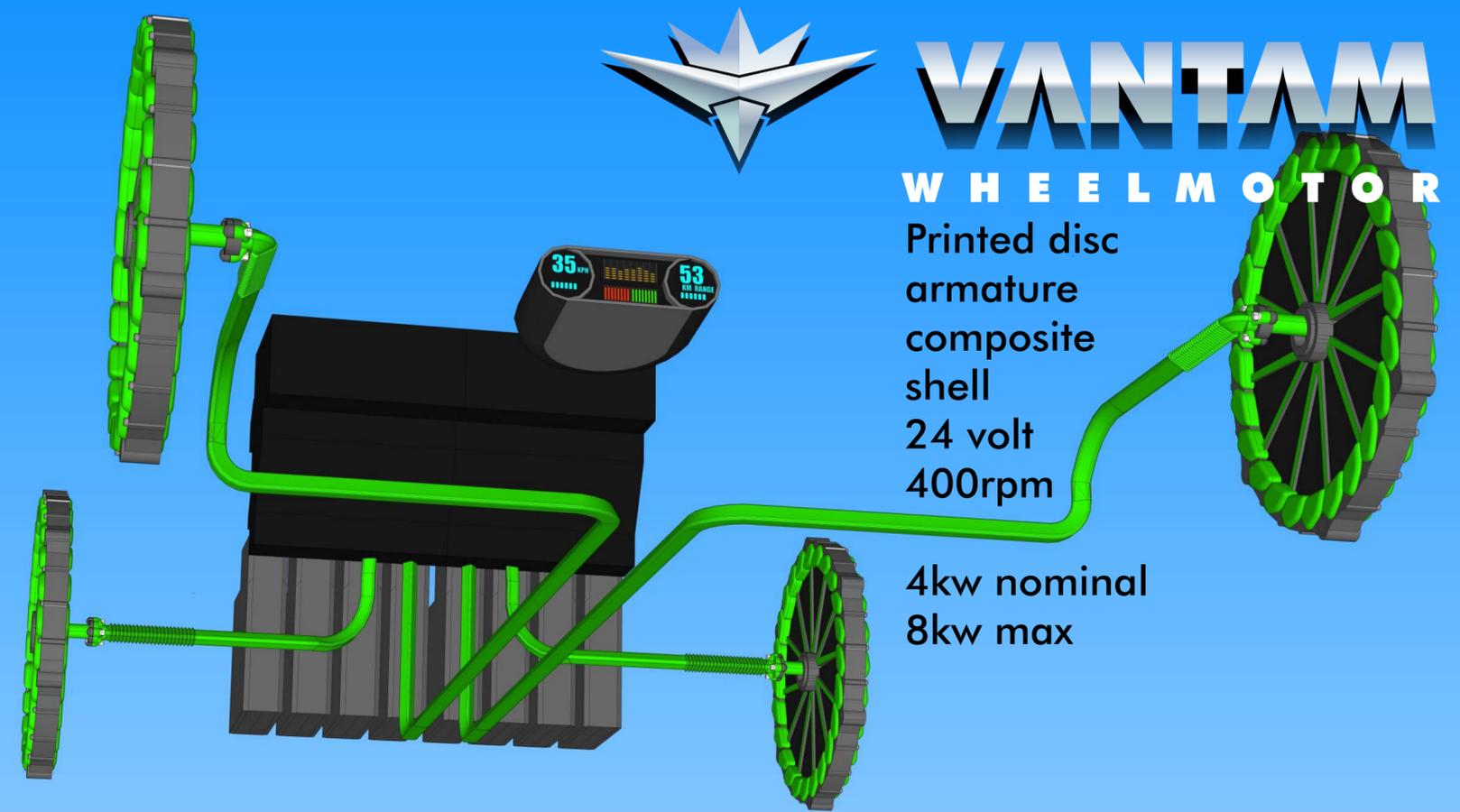


# VANTAM

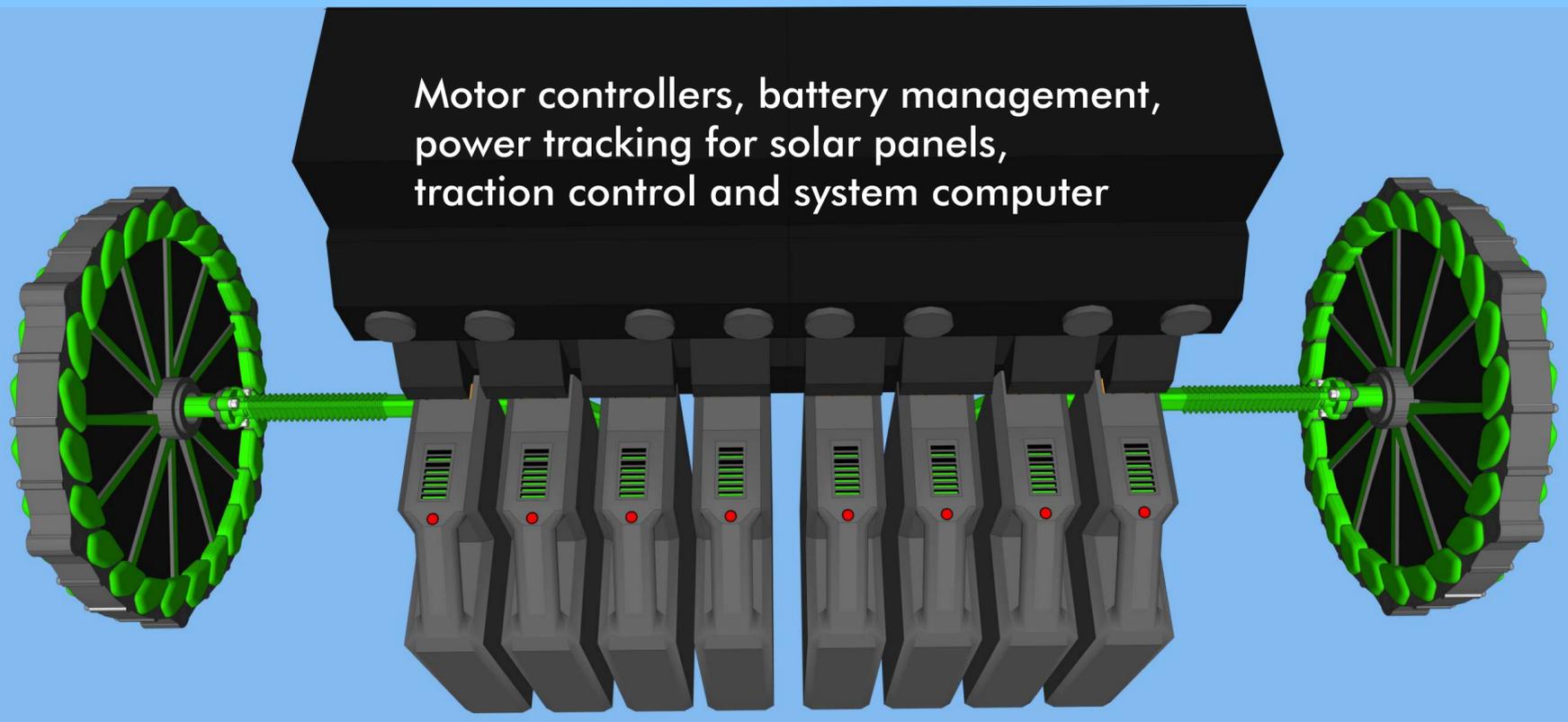
## WHEEL MOTOR

Printed disc  
armature  
composite  
shell  
24 volt  
400rpm

4kw nominal  
8kw max



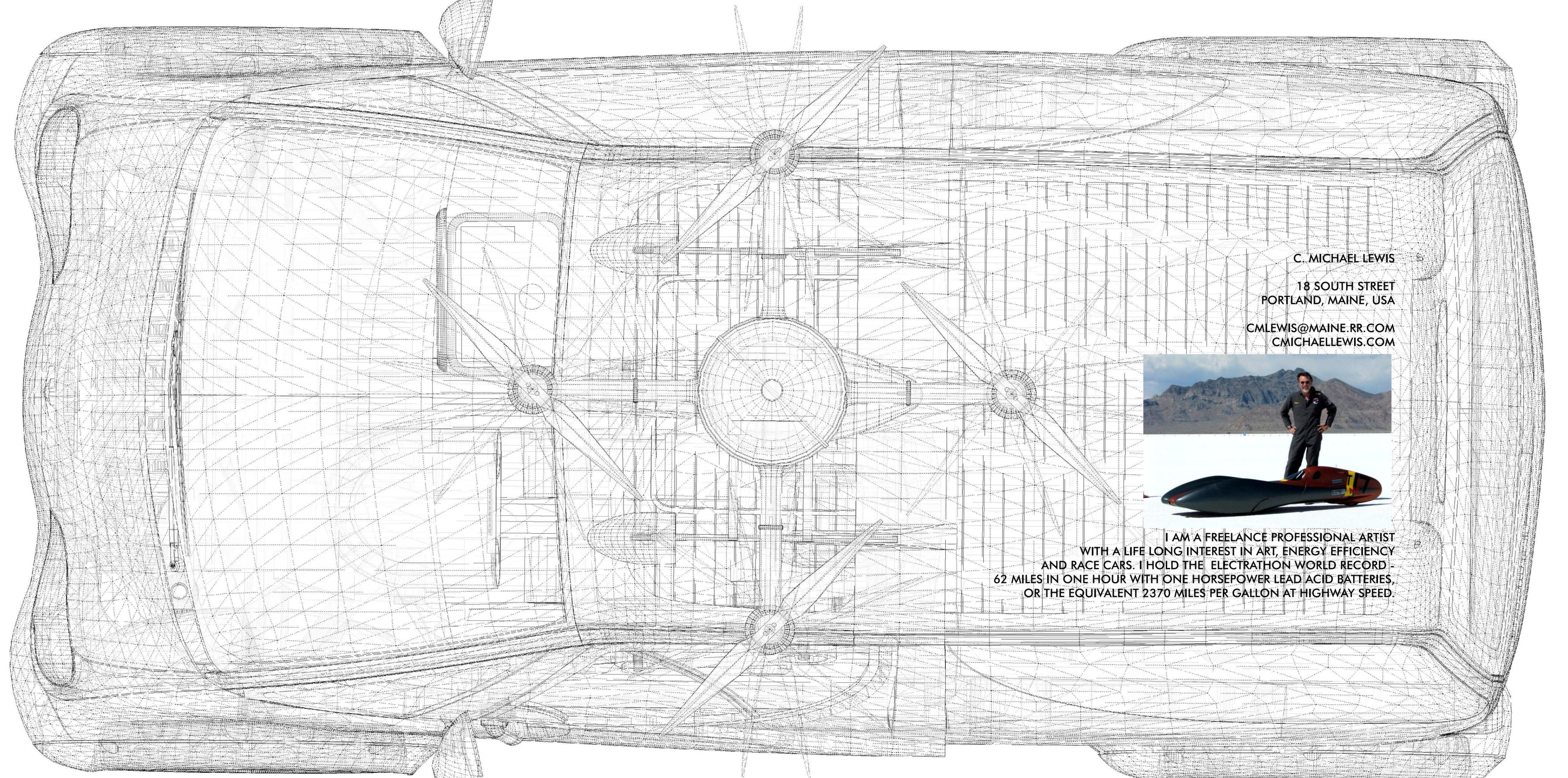
Motor controllers, battery management,  
power tracking for solar panels,  
traction control and system computer





RACING IMPROVES THE BREED,  
SPURS TECHNICAL INNOVATION  
AND PIQUES PUBLIC INTEREST





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I AM A FREELANCE PROFESSIONAL ARTIST  
WITH A LIFE LONG INTEREST IN ART, ENERGY EFFICIENCY  
AND RACE CARS. I HOLD THE ELECTRATHON WORLD RECORD -  
62 MILES IN ONE HOUR WITH ONE HORSEPOWER LEAD ACID BATTERIES,  
OR THE EQUIVALENT 2370 MILES PER GALLON AT HIGHWAY SPEED.