# Diagnosing

Battery health/degradation indication -> Voltage per cell array, cell break detection, stress indication (strain gauge, …), charge indication

Motor health -> torque output vs. resistance, zero voltage,

Motor controller -> input vs. output,

Electrical short detection

# Modularity

Motors -> Easily removable/replaceable (requires little effort and easy access)

Propellers -> Easily removable/replaceable (requires little effort and easy access)

Batteries -> Removable per array (easy mounting)

Standardised mounting system

# Maintenance

Motors -> MTBF > 2 years of use

Batteries -> Degradation after 2 years of use

Analogy with Tesla?