PCB
- Arduino Nano
- nRF24L01 Wireless Module
- 16-ch GPIO Expanders x2 (Semtech SX1509)
- Dual H-bridges x6 (Toshiba TB6612FNG)

Scaffold
- Ultimaker 3 PLA Filament

Ferromagnetic Core
- Fair-Rite 77
  φ 3.25mm, 55.5mm length
  $μ_i$ 2000 initial permeability

ENGPOW Lipo Battery
- 3.7V 150mAh x 3
  12.6V x 1.2A at Full Charge

Electromagnet Coils
- 800 turns of 34 AWG wire

3D Printed Connector
- Form Lab 2 Tough 2000 Resin

Side Length: 60 mm

60 mm