

INPUT

Cell design parameters

- Active material type
- Current collector size
- ..

Module design parameters

- Cells per module
- Module wall size
- ..

Pack design parameters

- Rows of modules
- Pack housing size
- ..

Vehicle design parameters

- Range
- Segment
- ..



MODEL



battery_design.py

Battery parameters

Bill of materials

Battery and vehicle model

BatPaC V4 - Design and performance model



OUTPUT

- Bill of materials (**3_MC**)
- Battery pack performance (**3_P**)