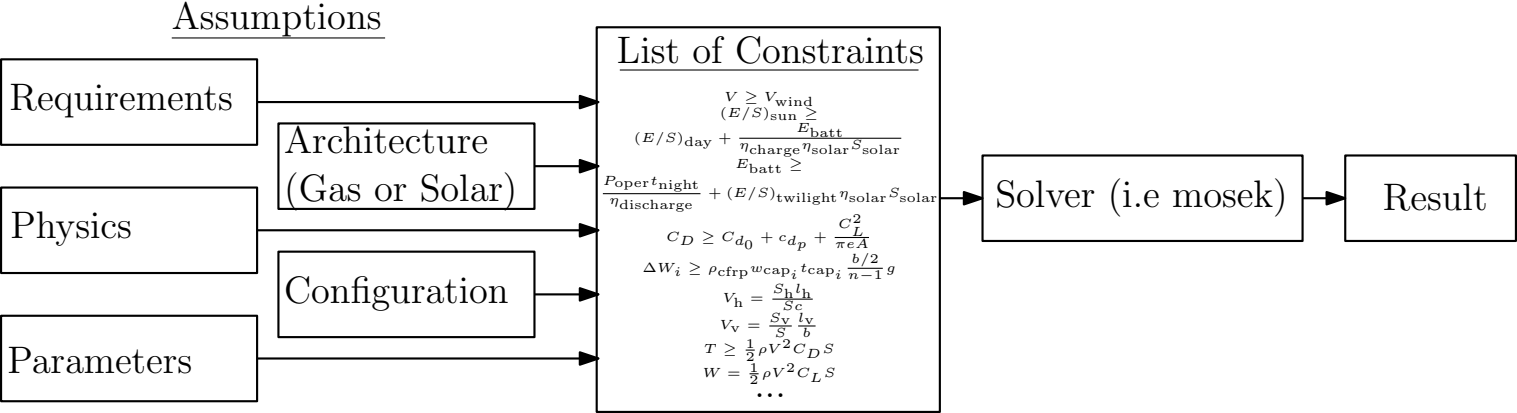
Assumptions
Requirements
Architecture
(Gas or Solar)
Physics
Configuration
Parameters
List of Constraints
$V \geq V_{\text{wind}}$
$(E/S)_{\text{sun}} \geq$
$(E/S)_{\text{day}} + \frac{E_{\text{batt}}}{\eta_{\text{charge}}\eta_{\text{solar}}S_{\text{solar}}}$
$E_{\text{batt}} \geq$
$\frac{P_{\text{oper}}t_{\text{night}}}{\eta_{\text{discharge}}} + (E/S)_{\text{twilight}}\eta_{\text{solar}}S_{\text{solar}}$
$C_D \geq C_{d_0} + c_{d_p} + \frac{C_L^2}{\pi e A}$
$\Delta W_i \geq \rho_{\text{cfrp}} w_{\text{cap}_i} t_{\text{cap}_i} \frac{b/2}{n-1} g$
$V_{\text{h}} = \frac{S_{\text{h}} l_{\text{h}}}{S c}$
$V_{\text{v}} = \frac{S_{\text{v}}}{S} \frac{l_{\text{v}}}{b}$
$T \geq \frac{1}{2}\rho V^2 C_D S$
$W = \frac{1}{2}\rho V^2 C_L S$
...
Solver (i.e mosek)
Result