EDIT: Not sure if standard cutoffs are useful. The internal resistance is too large.

Discharge: Current pulses cutoff battery when plenty of charge remains.

Other shutdown mechanism that operates only in quiescend state?

Voolar < Vout for 30s+2? Timer based on expected capacity? Just measure Vsolar before drawing significant current.

Charge: Internal resistance increases charging voltage. TODO: Measure IR at  $0^{\circ}$ C/- $10^{\circ}$ C. Batt gets to - $10^{\circ}$ C in the sun most days.





