## entry / self.control.reference = \ self.battery\_spec.bulk\_ref\_amps self.start\_sec = self.sec self.post\_fifo( Event(signal=signals.electrical\_change)) To\_Bulk / {} Tick as e / if e.payload.sec - self.start\_sec > \ self.battery\_spec.bulk\_timeout\_sec or self.volt > self.battery\_spec.bulk\_exit\_volts: self.post\_fifo(Event(signal=signals.To\_Abs))

## entry / self.control.reference = \ self.battery\_spec.abs\_ref\_volts self.start\_sec = self.sec self.post\_fifo( Event(signal=signals.electrical\_change)) Tick as e / if e.payload.sec - self.start\_sec > \ self.battery\_spec.abs\_timeout\_sec or self.amps > self.battery\_spec.abs\_exit\_amps:

self.post\_fifo(Event(signal=signals.To\_Float))

## entry / self.control.reference = \ self.battery\_spec.float\_ref\_volts self.post\_fifo( Event(signal=signals.electrical\_change))

## entry / self.control.reference = \ self.battery\_spec.equ\_ref\_volts self.start\_sec = self.sec self.post\_fifo( Event(signal=signals.electrical\_change)) Tick as e / if e.payload.sec - self.start sec > \

self.battery\_spec.equ\_timeout\_sec:

self.post\_fifo(Event(signal=signals.To\_Float))

