

bulk

entry /
self.control.reference =
self.battery_spec.bulk_ref_amps
self.start_sec = self.sec

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))

absorption

entry /
 self.control.reference =
 self.battery_spec.abs_ref_volts
 self.start_sec = self.sec

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))

float

entry /
self.control.reference = \
self.battery_spec.float_ref_volts

equalize

entry /
 self.control.reference =
 self.battery_spec.equ_ref_volts
 self.start_sec = self.sec

Tick as e /
if e.payload.sec - self.start_sec > \
self.battery_spec.equ_timeout_sec:
self.post_fifo(Event(signal=signals.To_Float))