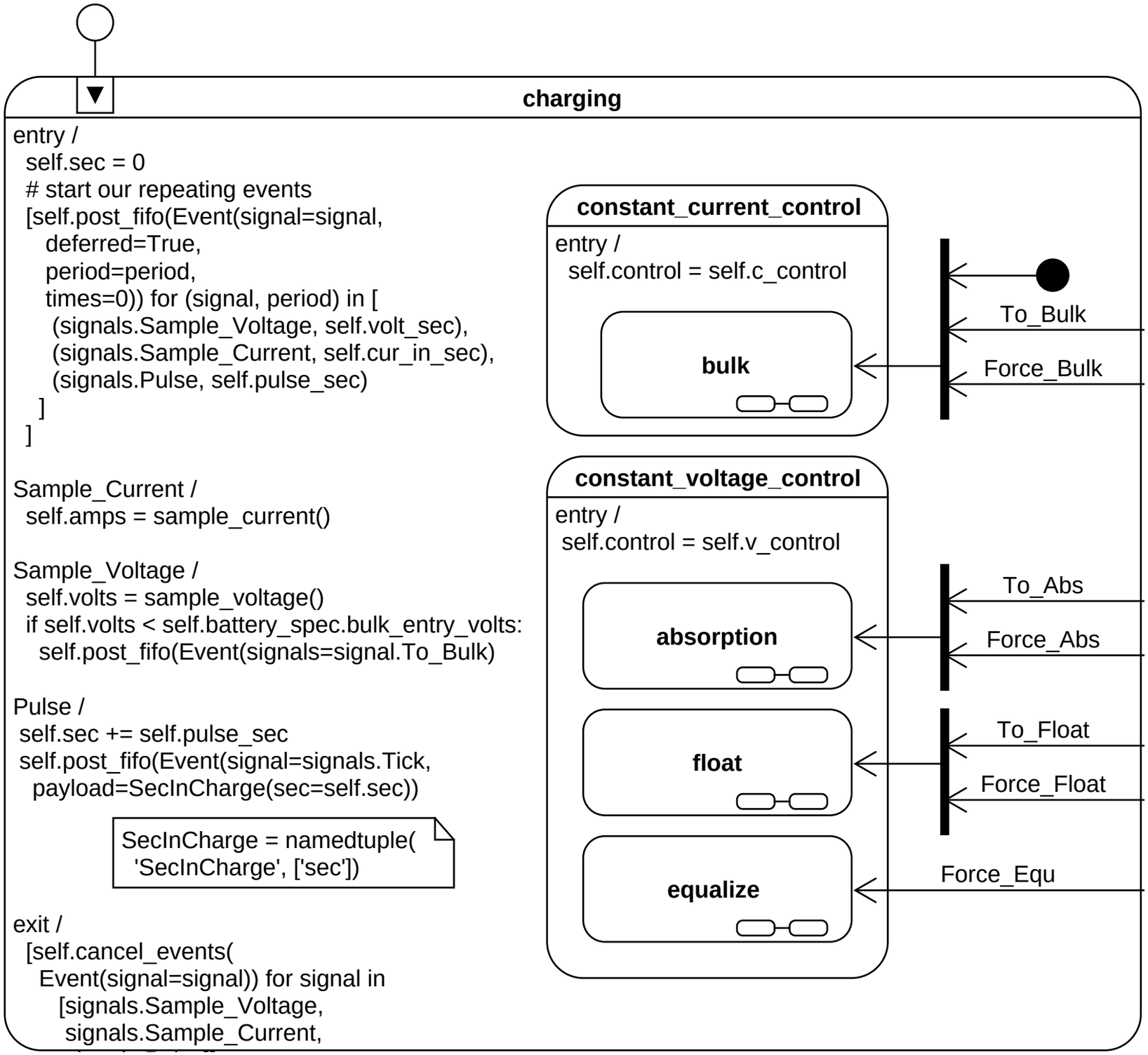

bulk

```
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))
```