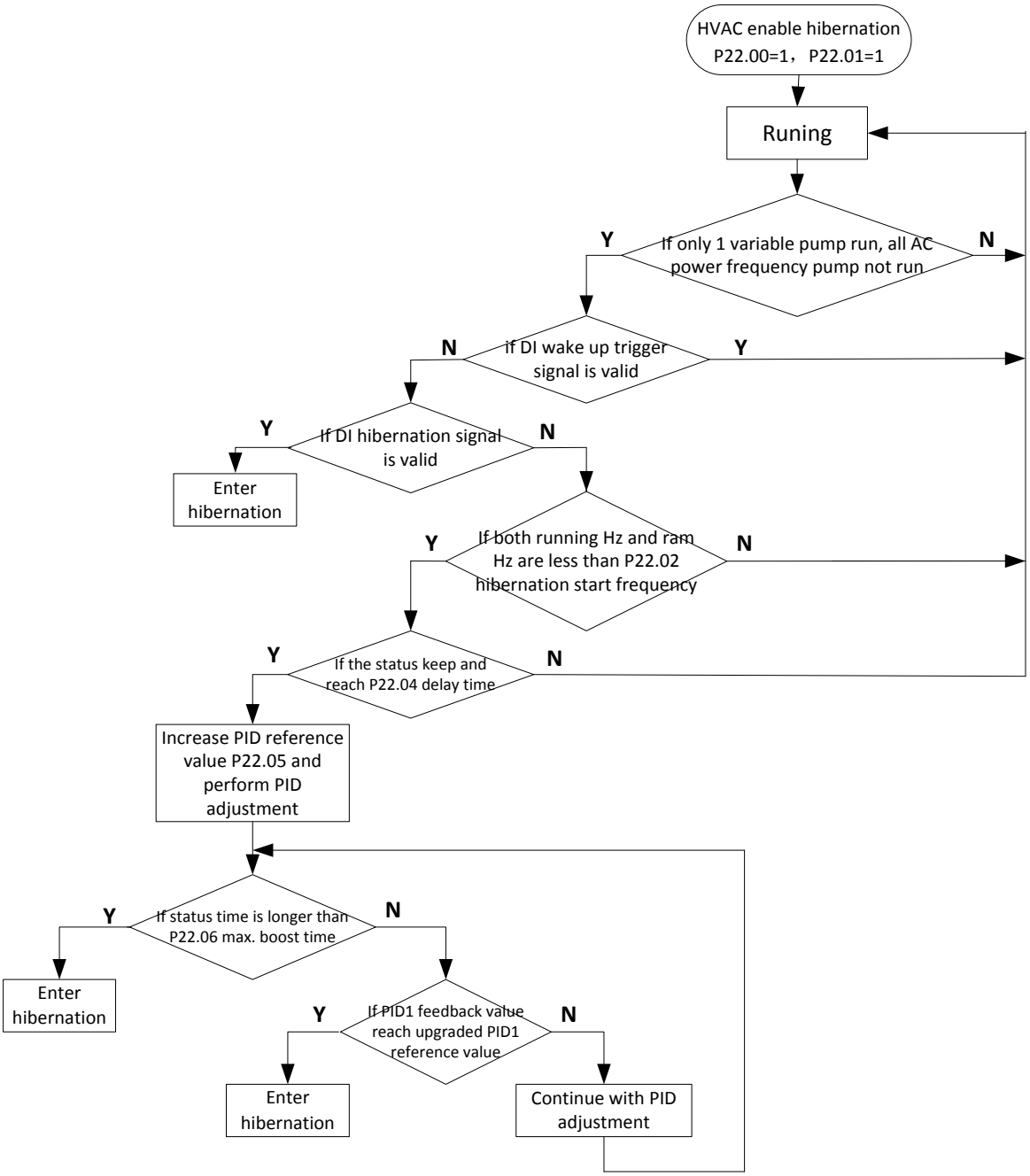
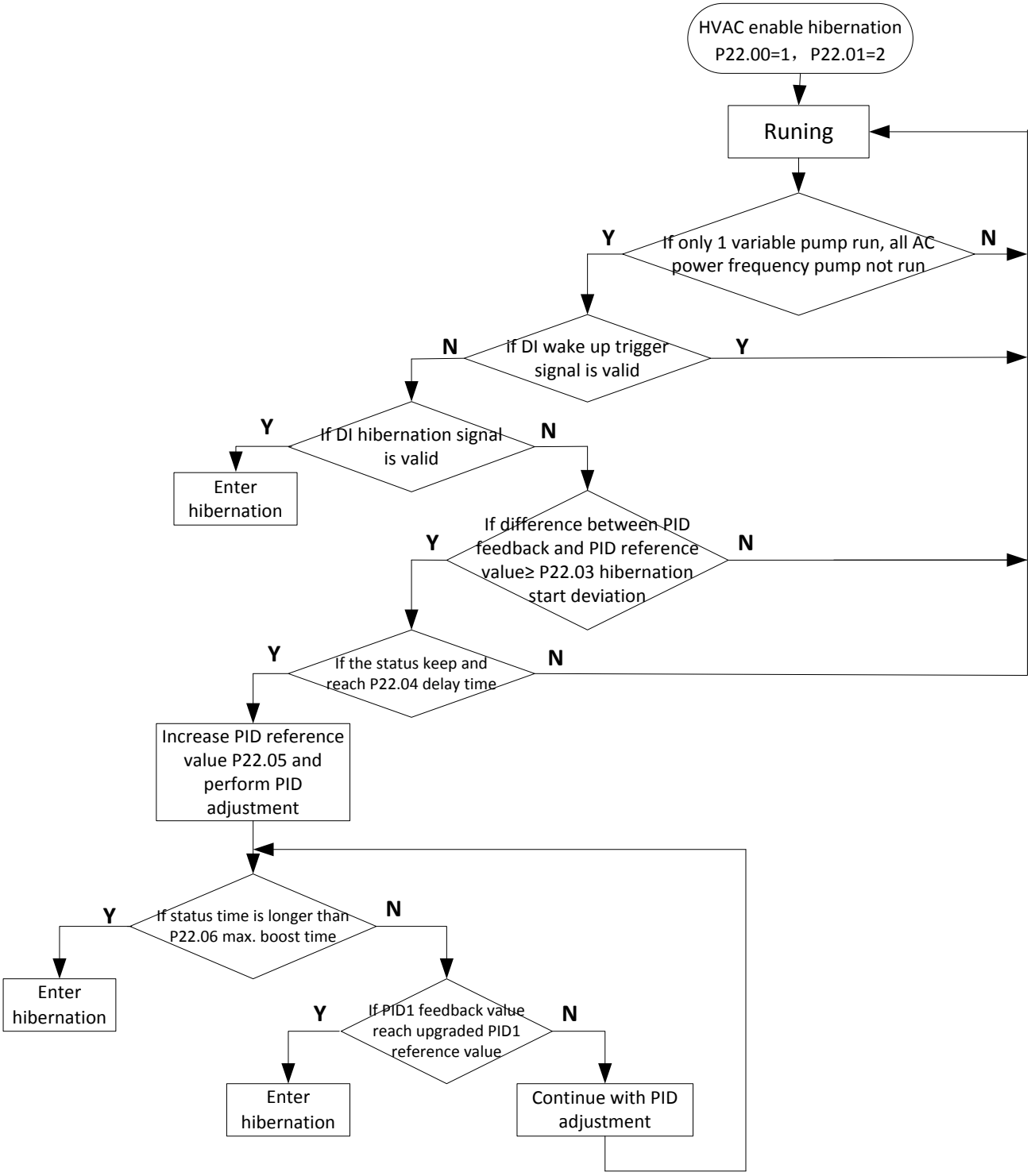
1. Hibernation according to running frequency logic:



2. Hibernation according to deviation logic: