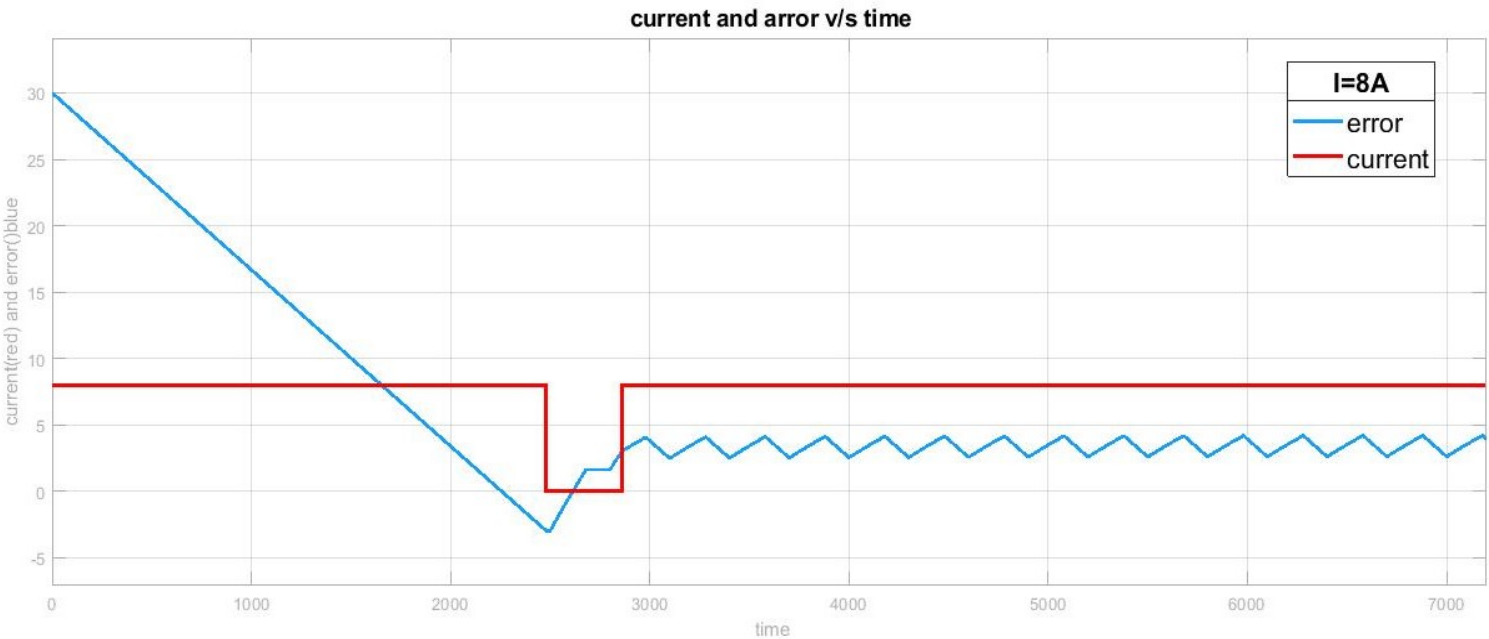
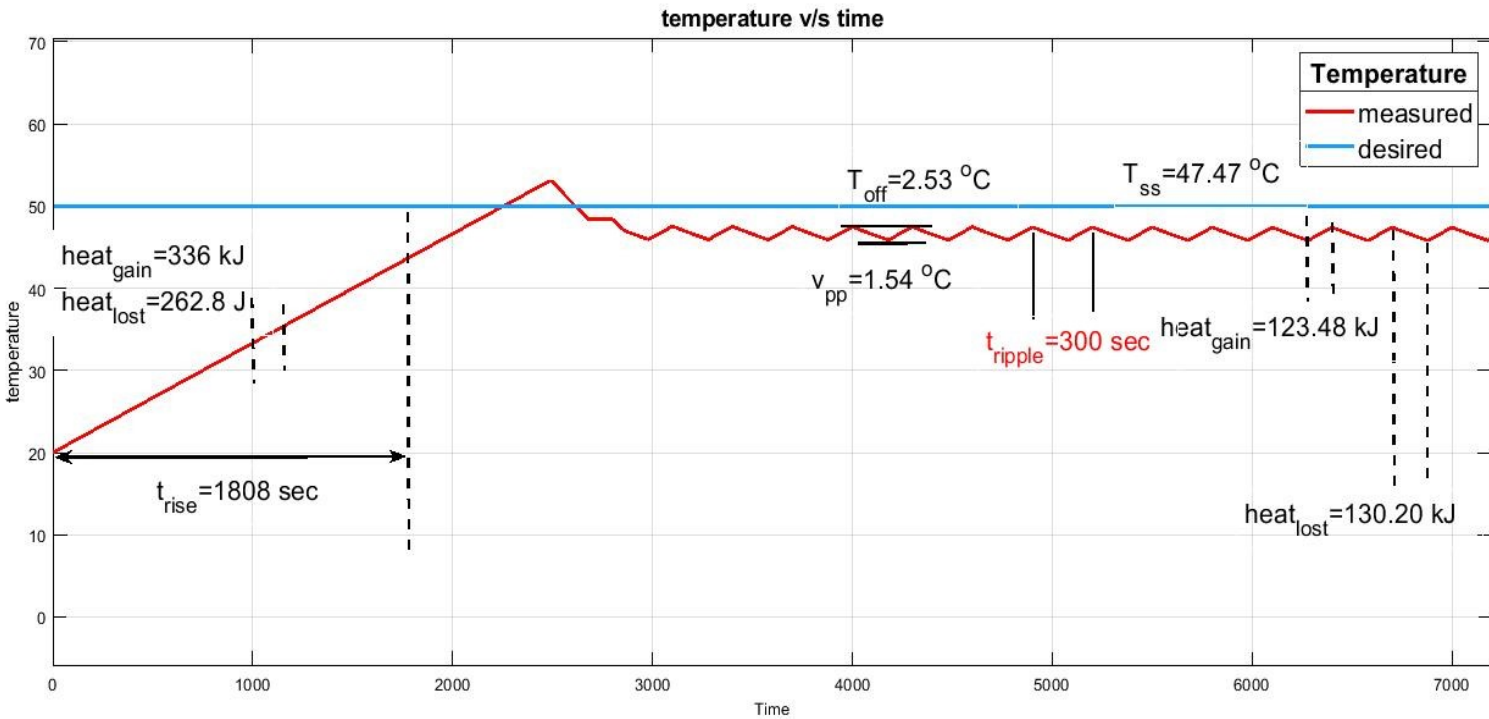
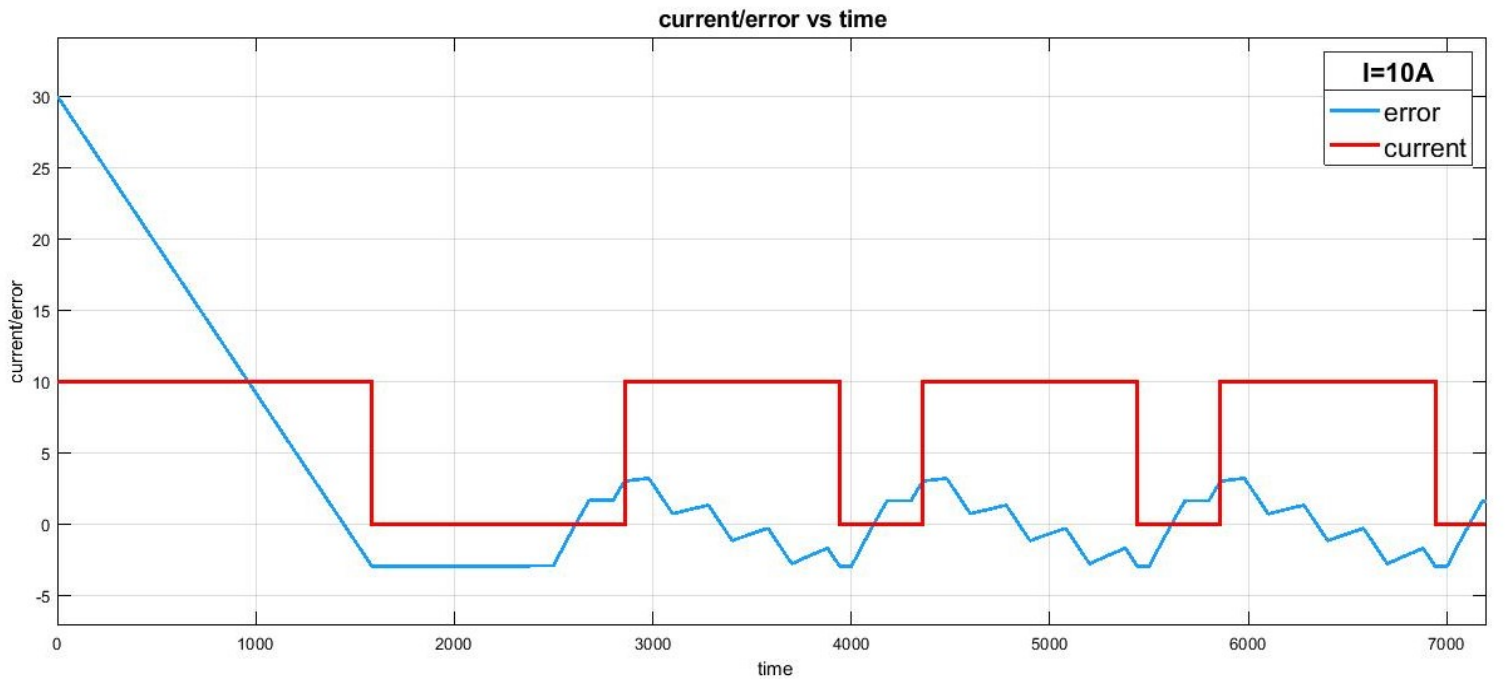
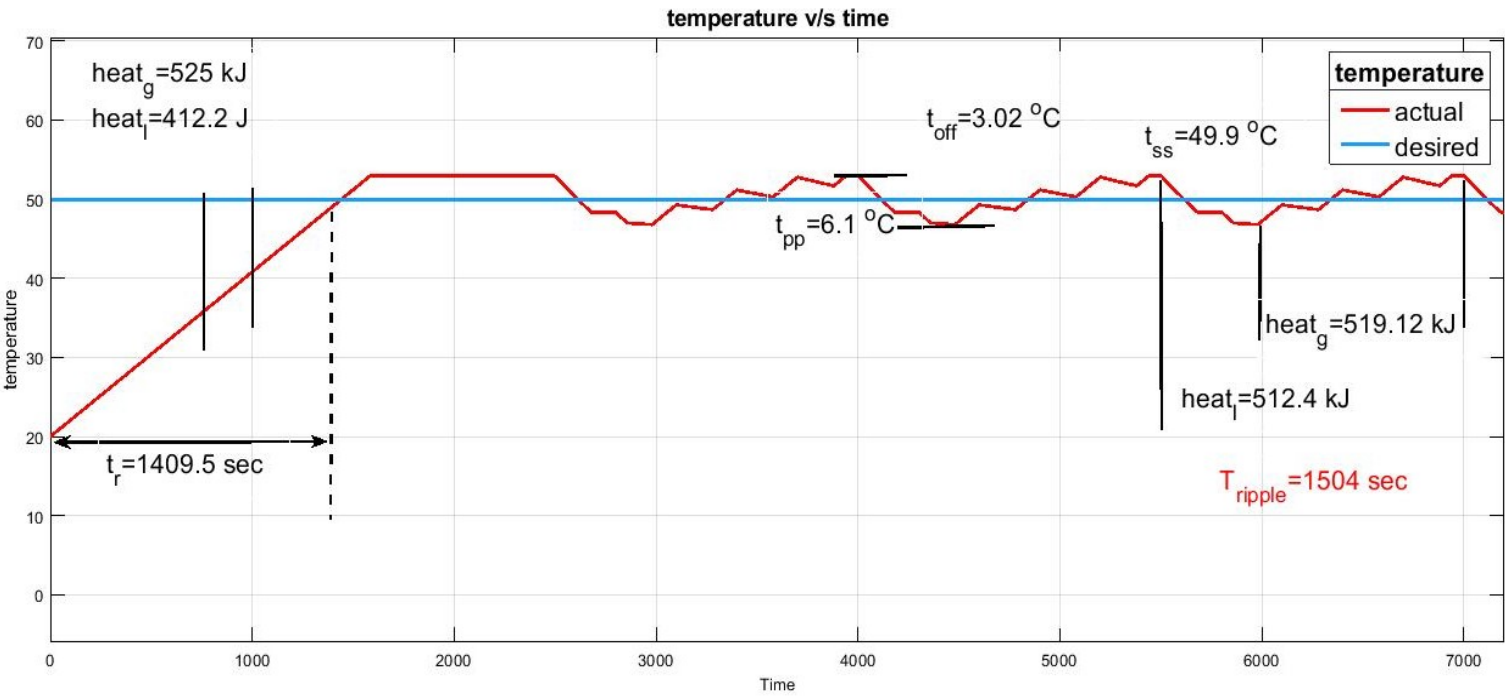


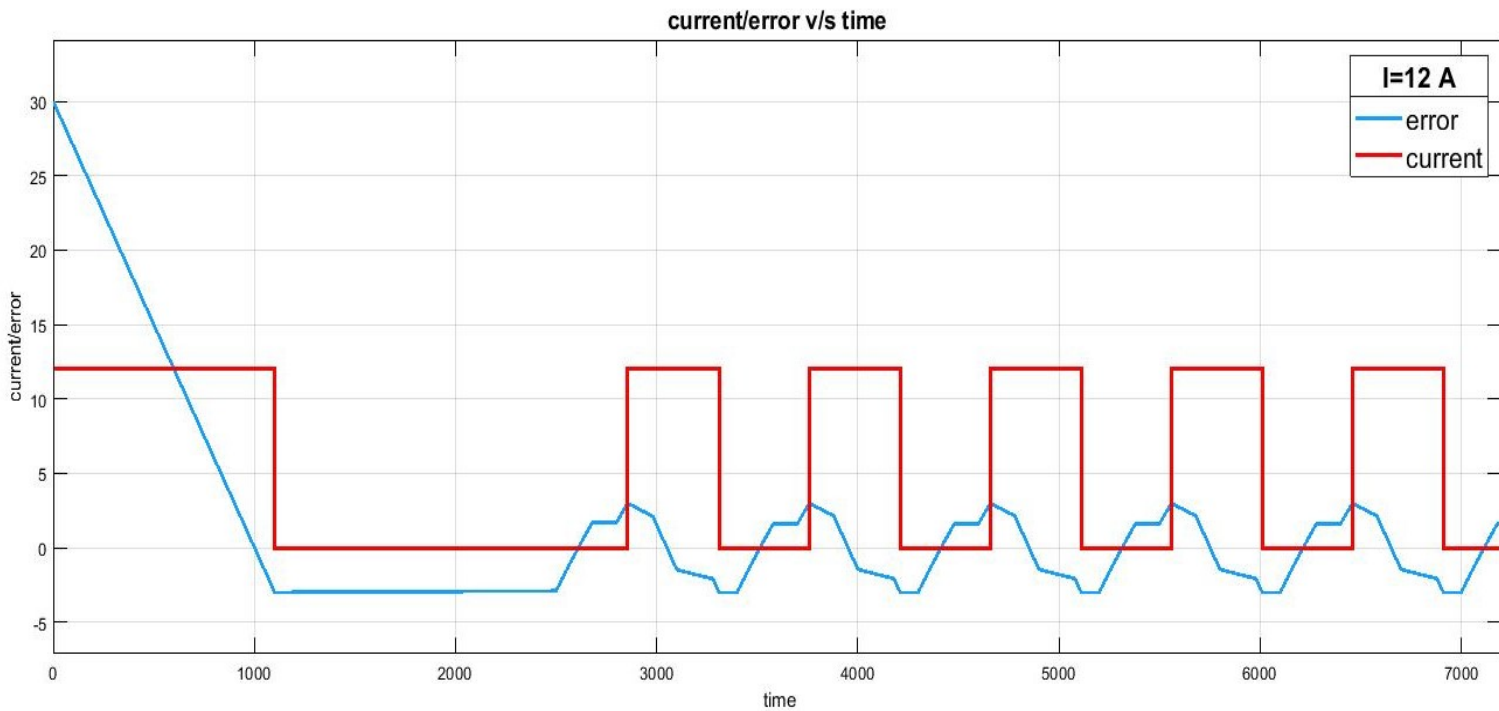
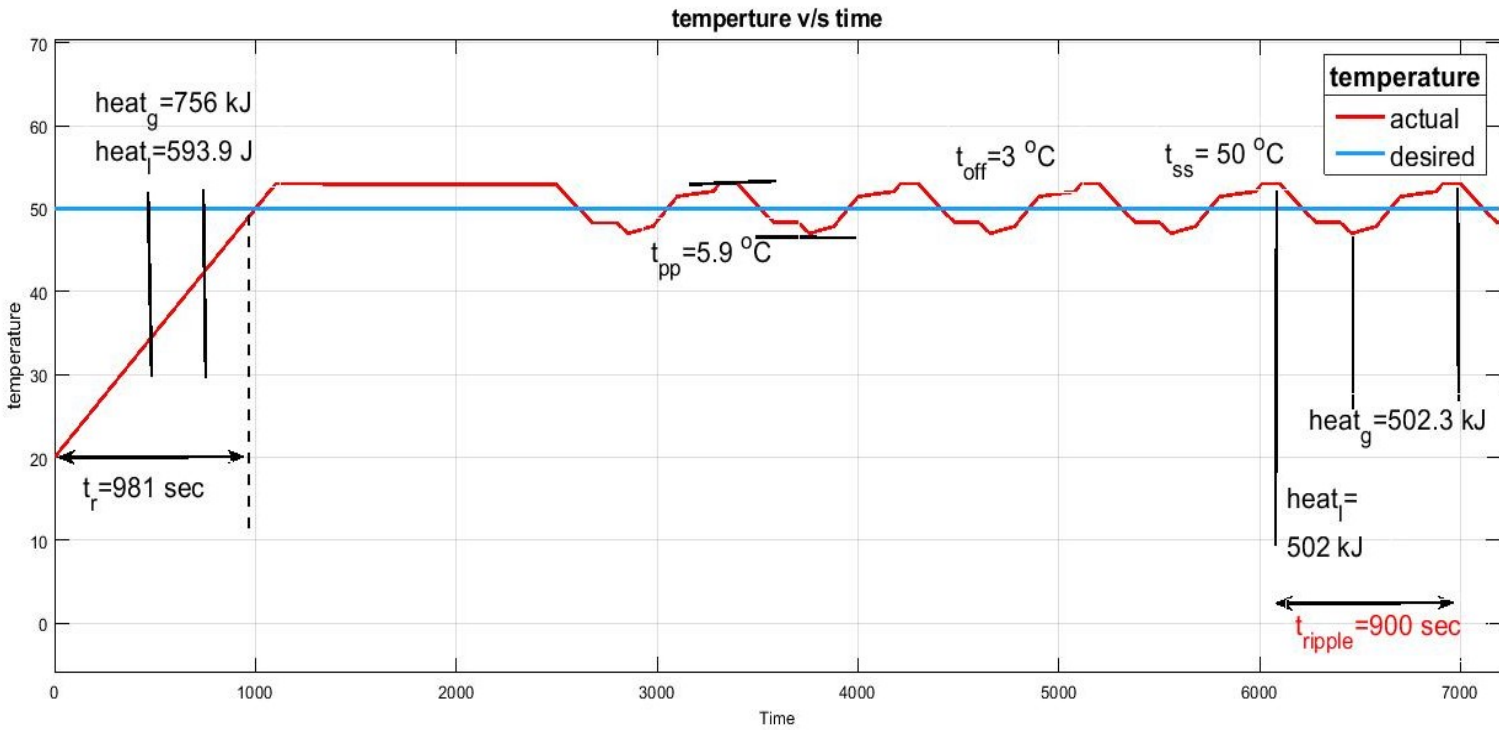
1 $I = 8A$



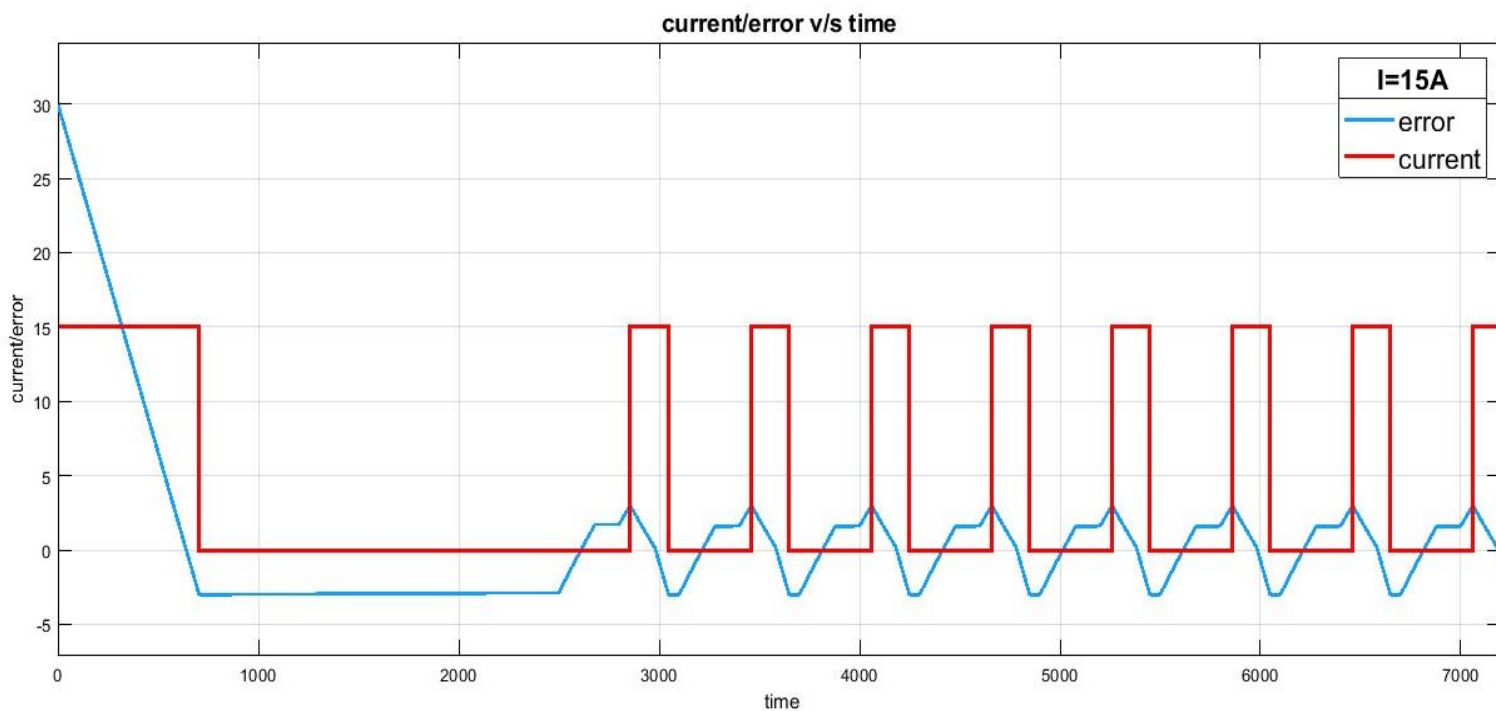
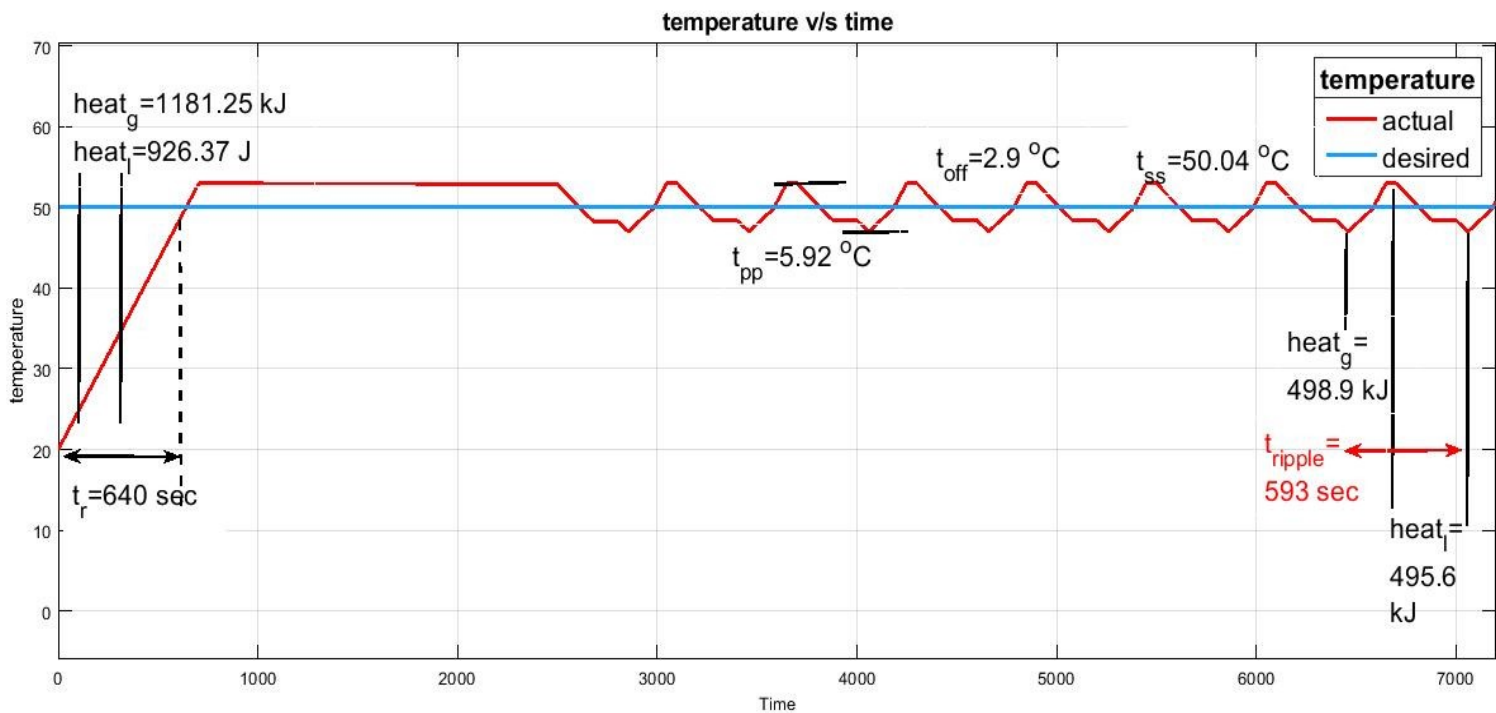
2 $I = 10A$



3 $I = 12A$



4 $I = 15A$



5 Results Overview

Current	Rise time	Ripple time
8A	1808 sec	300 sec
10A	1409.5 sec	1504 sec
12A	981 sec	900 sec
15A	640 sec	593 sec

Table 1: Overview

6 Observation

It is clear from the results that the Rise time of the temperature decreases as the magnitude of the current increases and also the average value of the current also decreases.