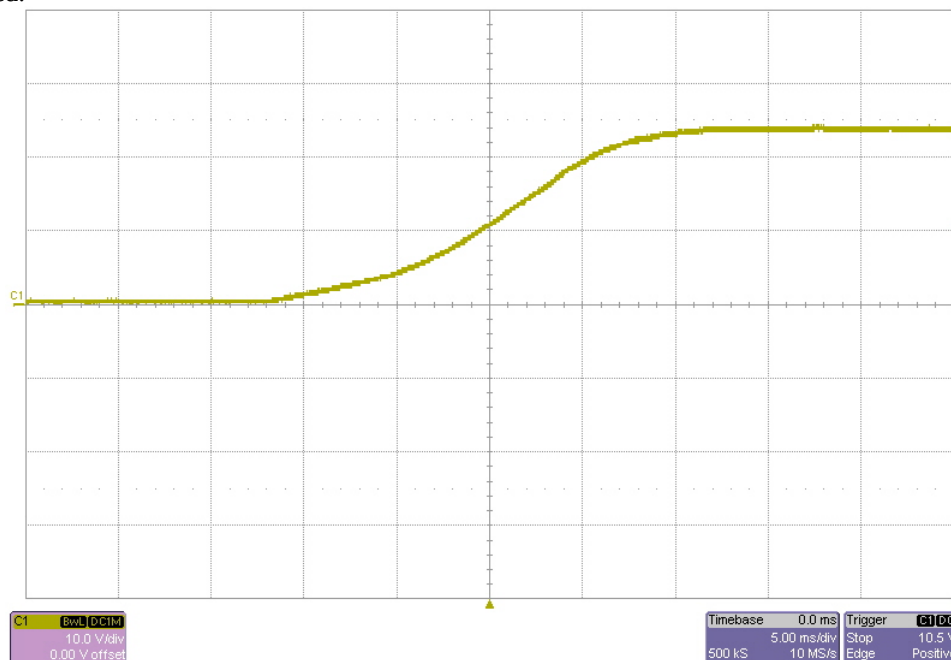


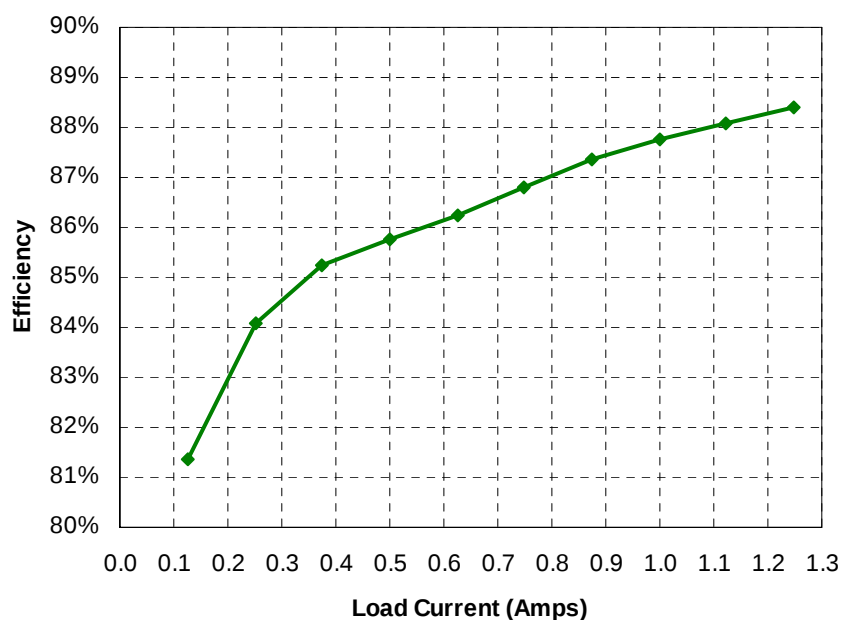
1 Startup

The output voltages at startup are shown in the image below. The input voltage was 230VAC, and both outputs were unloaded.



2 Efficiency

The efficiency data is shown in the tables and graph below. For simplicity and accuracy of measurements, the data was measured using a 320VDC input.

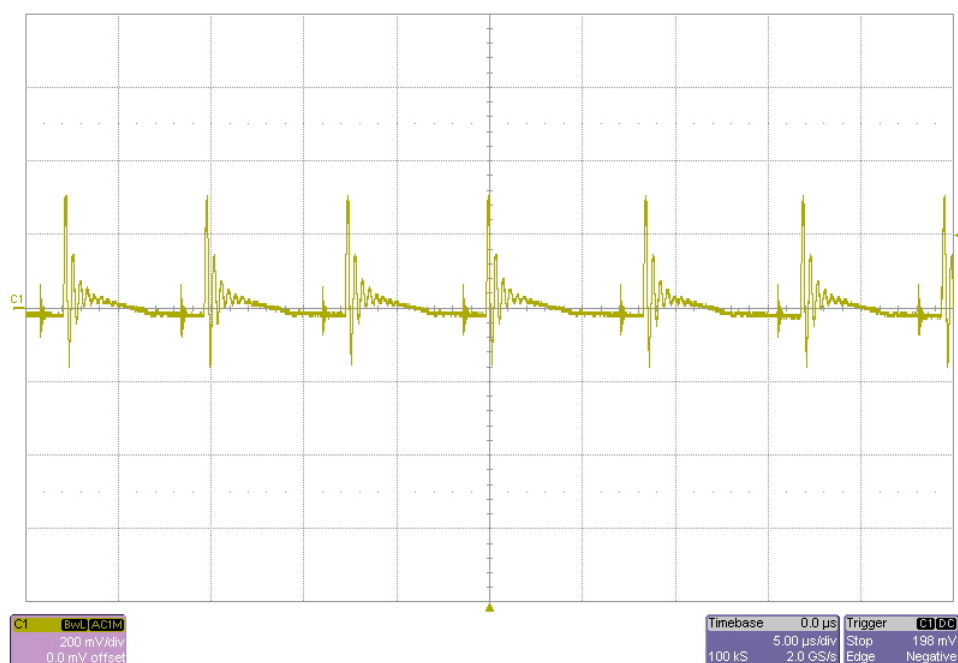


Iout	Vout	Vin	Iin (mA)	Pout	Losses	Efficiency
0.000	24.14	320.9	0.70	0.00	0.22	0.0%
0.125	24.14	320.9	11.56	3.02	0.69	81.3%
0.250	24.14	320.9	22.37	6.04	1.14	84.1%
0.375	24.14	320.8	33.11	9.05	1.57	85.2%
0.500	24.14	320.8	43.87	12.07	2.00	85.8%
0.625	24.14	320.8	54.53	15.09	2.41	86.2%
0.749	24.14	320.8	64.9	18.08	2.75	86.8%
0.874	24.15	320.8	75.3	21.11	3.05	87.4%
0.999	24.15	320.8	85.7	24.13	3.37	87.8%
1.123	24.15	320.7	96.0	27.12	3.67	88.1%
1.249	24.15	320.7	106.4	30.16	3.96	88.4%

3 Output Ripple Voltage

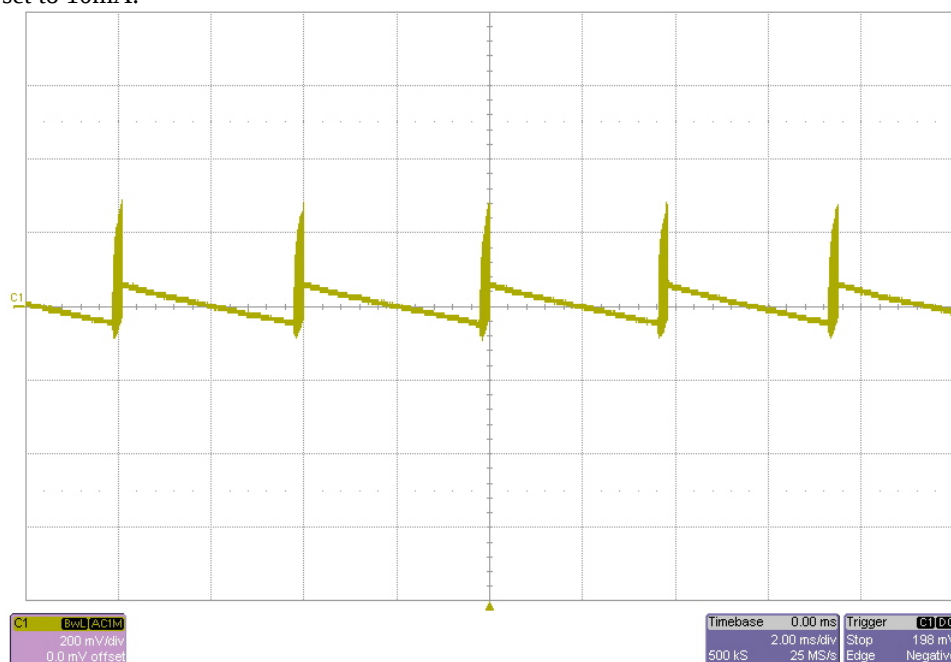
3.1 Full Load

The output ripple voltage during rated load conditions is shown in the plot below. The input was set at 320VDC and the load was set to 1.25A.



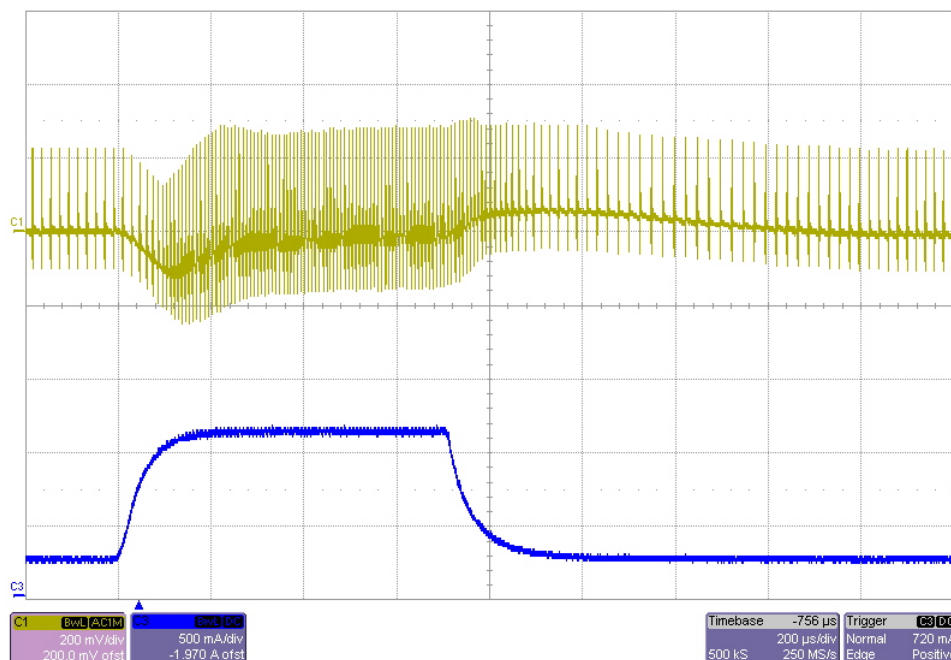
3.2 Standby Mode

The output ripple voltage during standby (burst) mode is shown in the plot below. The input was set at 320VDC, the load was set to 10mA.



4 Load Transients

The image below shows the response to a 0.3A to 1.2A load transient. The input voltage was set to 320VDC.
 Channel 1: Vout (ac coupled) 200mV/div
 Channel 3: Iout 0.5A/div



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