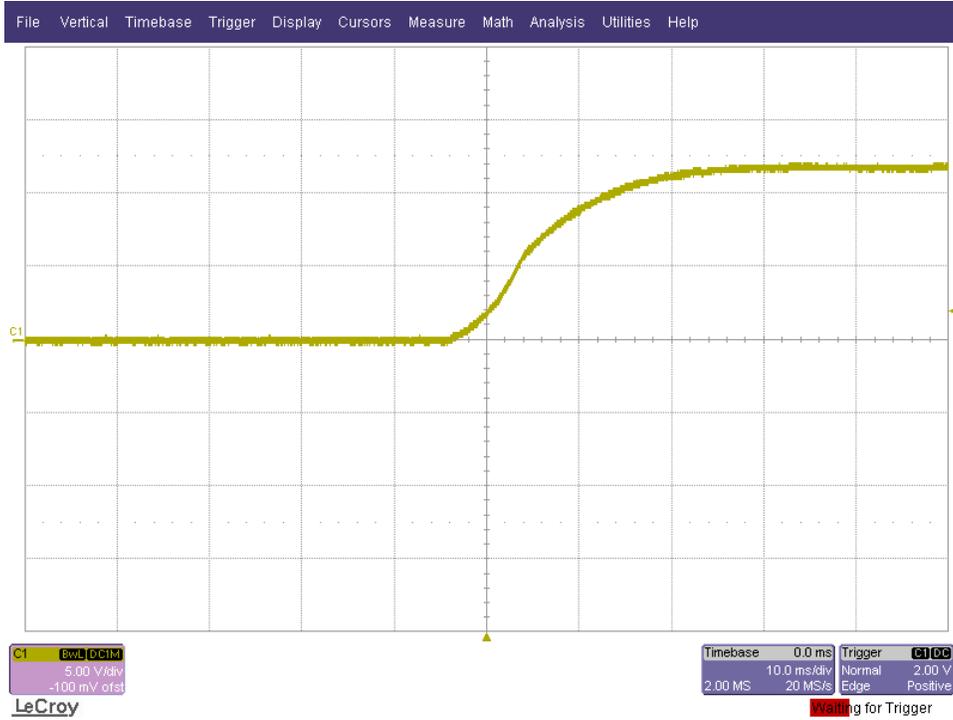


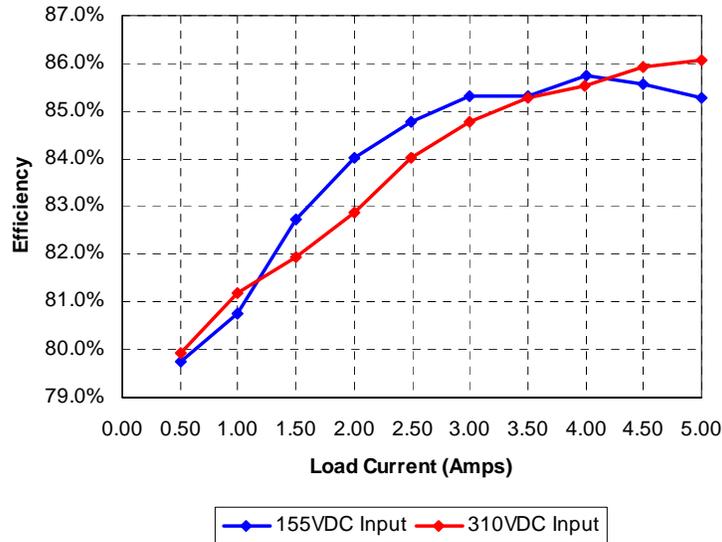
## 1 Startup

The startup waveform is shown in the image below. For this image, a 115VAC input was applied, and the load was set to 0A.



## 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 DC input.



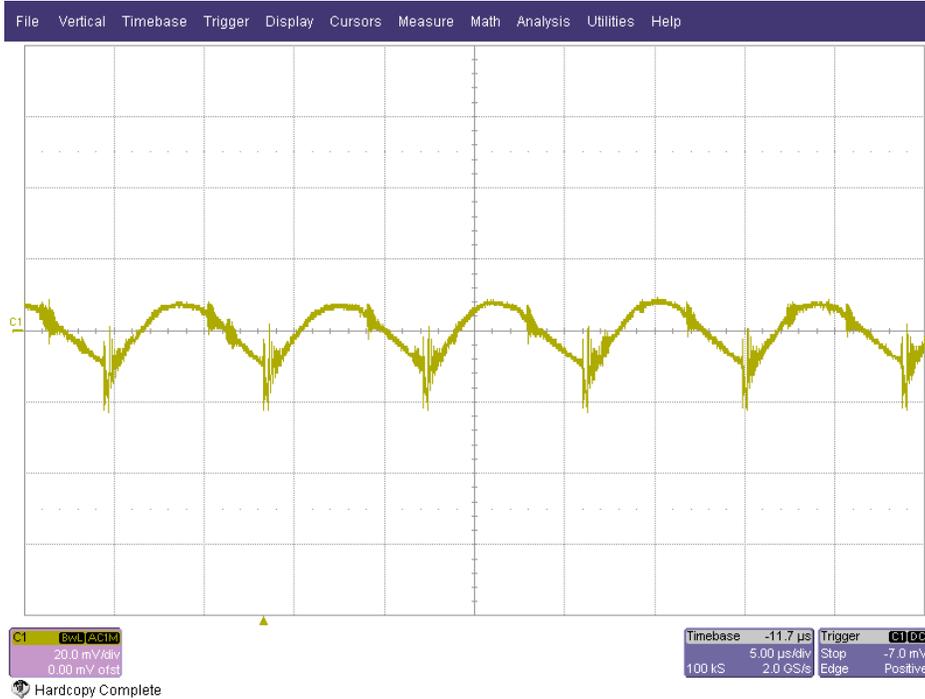
Iout	Vout	Vin (DC)	Iin (mA)	Pout	Losses	Efficiency
0.000	12.06	155.0	0.83	0.00	0.129	0.0%
0.100	12.05	155.0	10.29	1.21	0.390	75.6%
0.500	12.05	154.9	48.77	6.03	1.529	79.8%
1.000	12.05	154.8	96.4	12.05	2.873	80.7%
1.500	12.05	154.7	141.2	18.08	3.769	82.7%
1.999	12.05	154.7	185.3	24.09	4.578	84.0%
2.499	12.05	154.6	229.8	30.11	5.414	84.8%
2.998	12.05	154.5	274.1	36.13	6.223	85.3%
3.498	12.05	154.4	320.0	42.15	7.257	85.3%
3.999	12.05	154.3	364.2	48.19	8.008	85.7%
4.499	12.05	154.9	409	54.21	9.141	85.6%
4.998	12.05	154.9	456	60.23	10.409	85.3%

Iout	Vout	Vin (DC)	Iin (mA)	Pout	Losses	Efficiency
0.000	12.07	310.1	0.72	0.00	0.223	0.0%
0.100	12.05	310.1	5.35	1.21	0.454	72.6%
0.500	12.05	310.1	24.31	6.03	1.514	79.9%
1.000	12.05	310.0	47.87	12.05	2.790	81.2%
1.499	12.05	310.0	71.1	18.06	3.978	82.0%
1.999	12.05	309.9	93.8	24.09	4.981	82.9%
2.498	12.05	309.9	115.6	30.10	5.724	84.0%
2.998	12.05	309.9	137.5	36.13	6.485	84.8%
3.497	12.05	309.8	159.5	42.14	7.274	85.3%
3.998	12.05	309.8	181.8	48.18	8.146	85.5%
4.498	12.05	309.7	203.7	54.20	8.885	85.9%
4.997	12.05	309.7	225.9	60.21	9.747	86.1%

## 3 Output Ripple Voltage

### 3.1 Full Load Ripple

The output ripple voltage during full load operation is shown in the plot below. The input was set at 155VDC, and the load was set to 5A.



### 3.2 Green Mode Ripple

The output ripple voltage during green (burst) mode operation is shown in the plot below. The input was set at 155VDC, and the load was set to 0.1A.

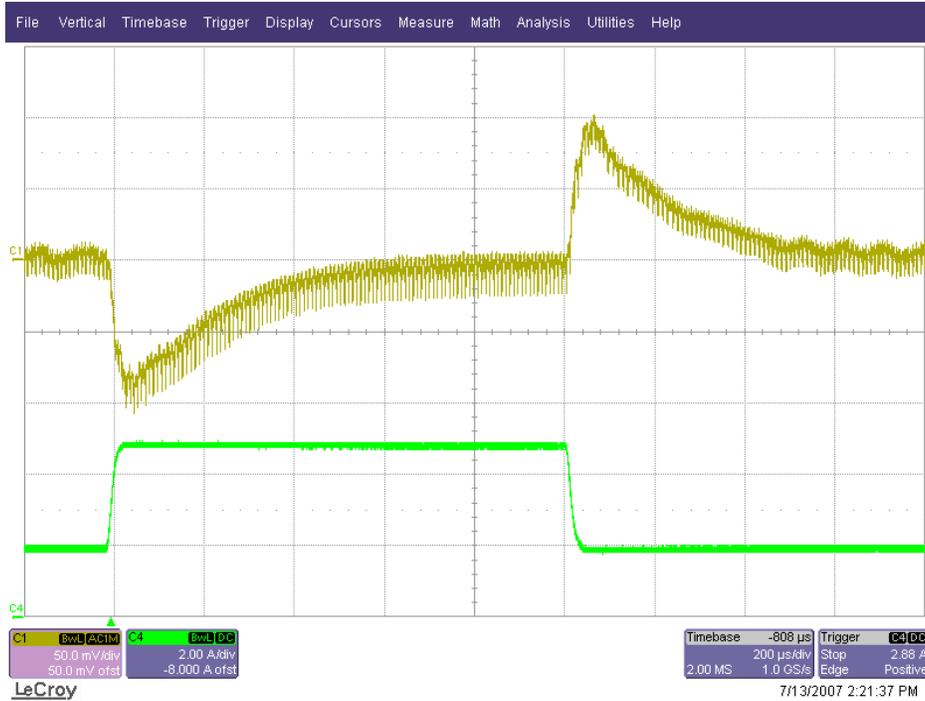


## 4 Load Transients

The image below shows the response to a 2A to 5A load transient. The input voltage was set to 155VDC.

Channel 1: Vout (ac coupled) 50mV/div

Channel 4: Iout 2A/div



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