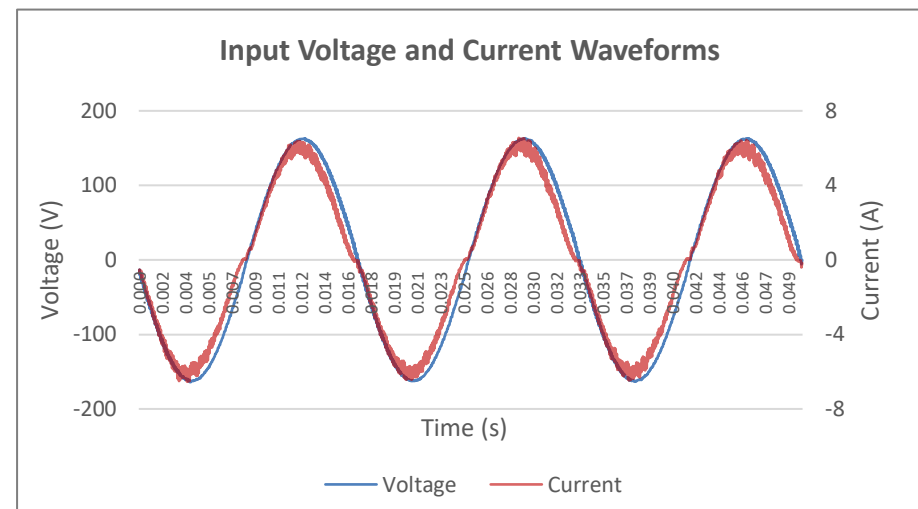


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	91.11%
AVERAGE EFFICIENCY :	87.57%
80 PLUS COMPLIANT:	Gold



ID Number	7063.5
Manufacturer	ADATA
Model Number	CS-SP850G
Serial Number	N/A
Year	2023
Type	ATX12V, EPS12V
Test Date	6/7/23

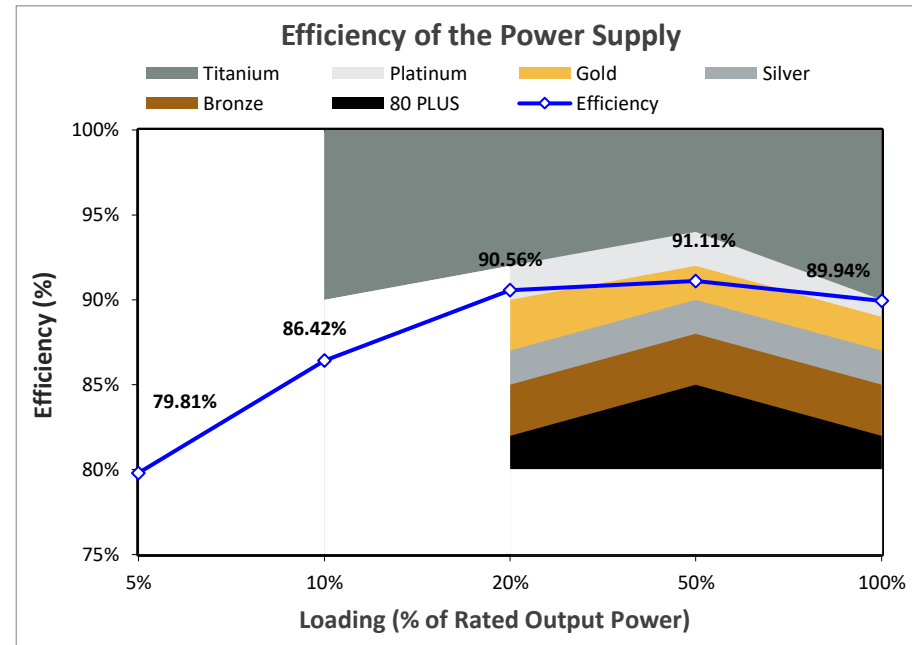
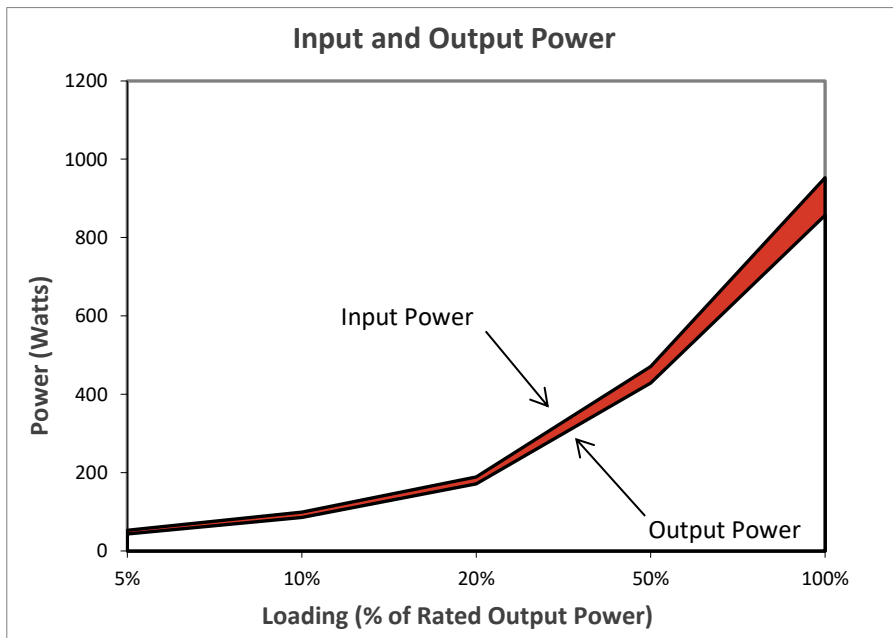


Input AC Current Waveform (ITHD = 6.96%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10	Amps
Input Frequency	50-60	Hz
Rated Output Power	850	Watts

Note: All measurements were taken with input voltage at 115 V nominal at 60 Hz.

I _{RMS} (A)	PF	I _{THD} (%)	Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)					Output Watts	Efficiency
					12V (cumulative of 12V1, 12V2, etc.)	-12V	3.3V	5V	5Vsb		
0.153	0.4982	29.98	0%	8.75	No-Load						
0.511	0.9109	17.50	5%	53.49	12.07/3.09	12.53/0.02	3.32/0.53	5.02/0.53	5.1/0.13	42.69	79.81%
0.898	0.9623	8.81	10%	99.31	12.07/6.22	12.48/0.05	3.32/1.06	5.02/1.06	5.1/0.26	85.82	86.42%
1.678	0.9782	8.88	20%	188.81	12.07/12.41	12.43/0.07	3.32/2.11	5.02/2.11	5.09/0.53	170.99	90.56%
4.123	0.9925	6.96	50%	470.67	12.07/31.15	12.25/0.18	3.31/5.27	5.01/5.27	5.07/1.32	428.83	91.11%
8.324	0.9953	6.34	100%	953.02	12.08/62.3	11.98/0.35	3.3/10.53	4.99/10.55	5.04/2.63	857.10	89.94%



These tests were conducted by a third party independent testing firm on behalf of the 80 PLUS Program. 80 PLUS is a certification program to promote highly-efficient power supplies (greater than 80% efficiency in the active mode) in technology applications. <http://www.80plus.org/>