

80 PLUS Verification and Testing Report

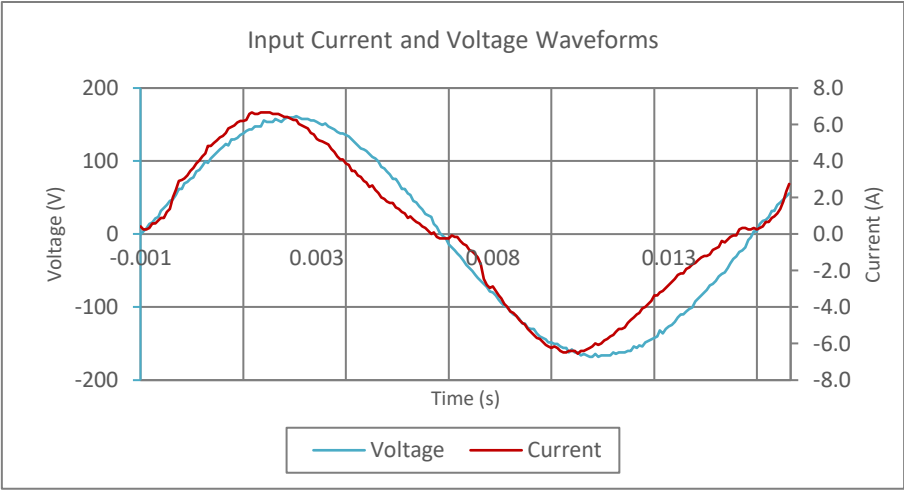
TYPICAL EFFICIENCY (50% Load):	91.67%
AVERAGE EFFICIENCY :	90.49%
80 PLUS COMPLIANT:	YES



ID Number	6558.2
Manufacturer	ADATA
Model Number	KYBER850G
Serial Number	N/A
Year	2021
Type	ATX12V
Test Date	4/22/21

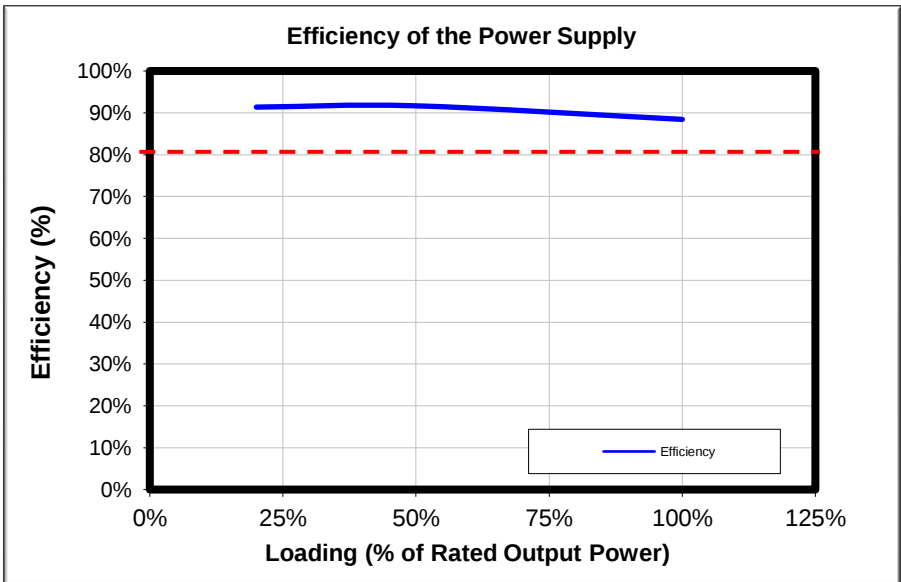
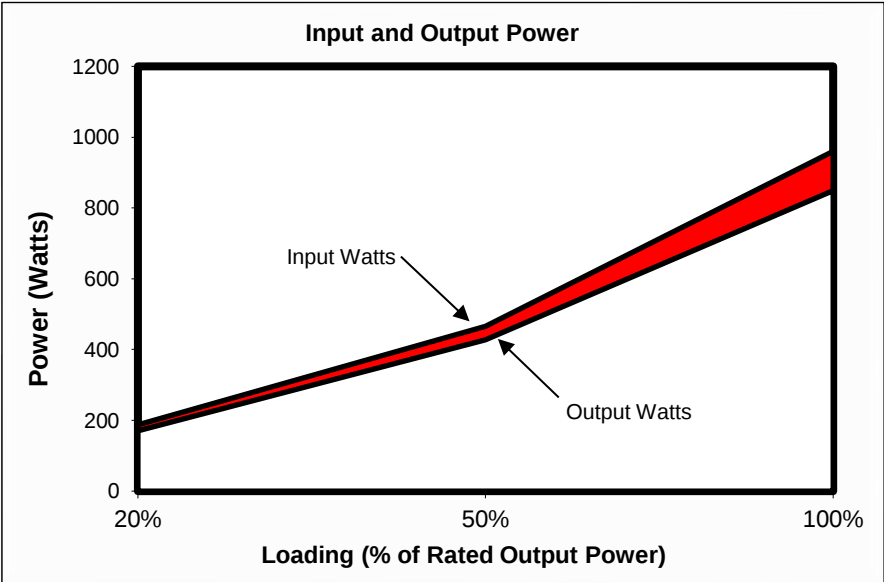
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10	Amps
Input Frequency	47-63	Hz
Rated Output Power	850	Watts

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



Input AC Current Waveform (ITHD = 15.73%, 50% Load)

I _{RMS}	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		
0.87	0.96	18.44%	10%	96.69	12.02/6.16	12.31/0.03	3.31/1.16	5.03/1.16	5.09/0.26	85.35	88.28%
1.67	0.98	17.36%	20%	187.00	12.01/12.35	12.27/0.05	3.32/2.31	5.03/2.3	5.07/0.52	170.86	91.37%
4.15	0.98	15.73%	50%	466.00	12.01/30.9	12.01/0.13	3.31/5.78	5.03/5.73	5.03/1.31	427.20	91.67%
8.48	0.98	12.79%	100%	960.00	11.97/61.58	12.38/0.26	3.31/11.58	5.03/11.45	4.94/2.62	849.00	88.44%



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/>