

80 PLUS Verification and Testing Report

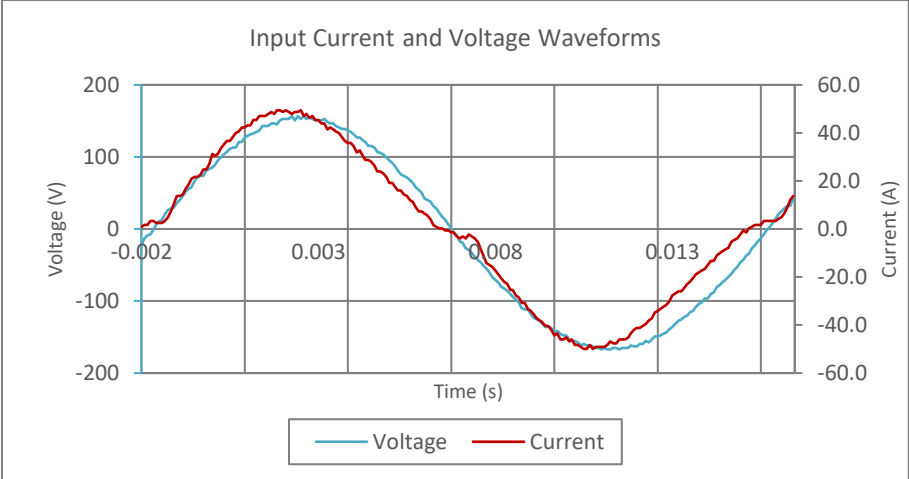
TYPICAL EFFICIENCY (50% Load):	89.57%
AVERAGE EFFICIENCY :	87.95%
80 PLUS COMPLIANT:	YES



ID Number	5985.1
Manufacturer	Corsair
Model Number	RPS0134 (CP-9020226) (CX650F RGB White)
Serial Number	N/A
Year	2020
Type	ATX12V
Test Date	6/15/20

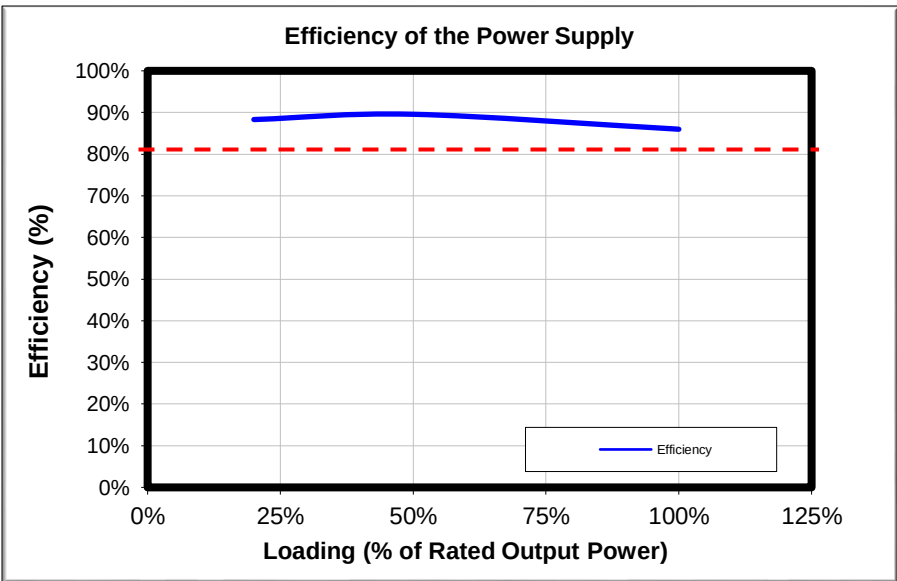
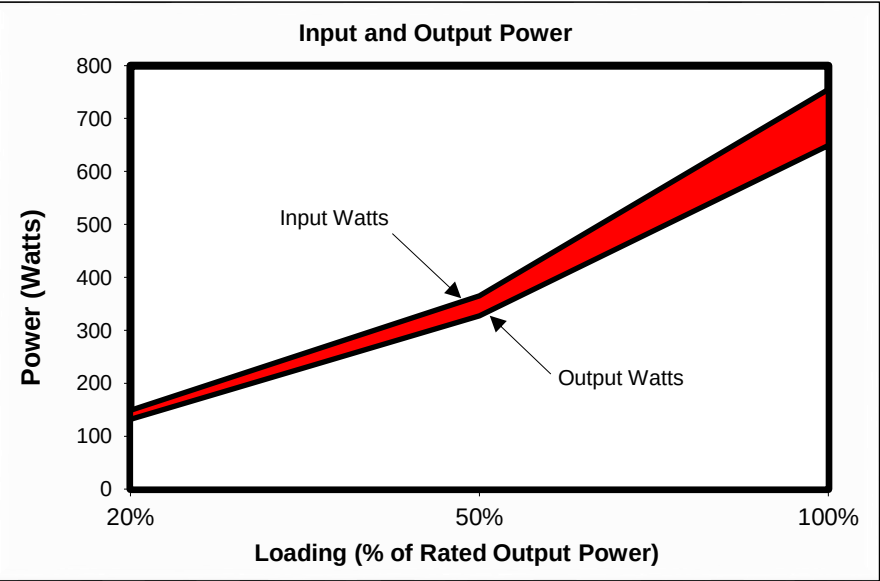
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	47-63	Hz
Rated Output Power	650	Watts

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



Input AC Current Waveform (ITHD = 11.82%, 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		
0.70	0.97	14.81%	10%	78.65	12.14/4.43	12.04/0.02	3.31/1.28	5.06/1.28	5.04/0.24	65.97	83.88%
1.33	0.97	15.92%	20%	148.86	12.12/8.83	12.04/0.05	3.3/2.56	5.04/2.55	5.02/0.49	131.45	88.30%
3.22	0.99	11.82%	50%	365.50	12.08/22.13	12.04/0.12	3.28/6.39	4.99/6.34	4.98/1.22	327.38	89.57%
6.62	0.99	8.75%	100%	755.10	12/44.25	12.04/0.24	3.24/12.8	4.9/12.65	4.91/2.45	649.28	85.99%



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/>

