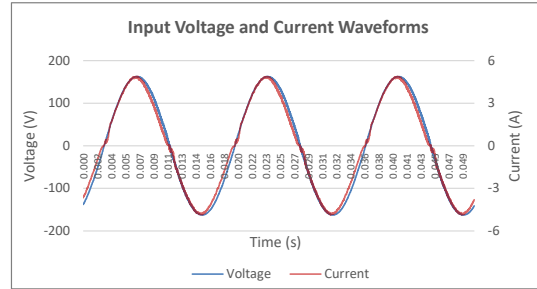


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	87.44%
AVERAGE EFFICIENCY :	82.79%
80 PLUS COMPLIANT:	Bronze



ID Number	7113
Manufacturer	Corsair
Model Number	RPS0128 (CP-9020278) (CX650)
Serial Number	N/A
Year	2023
Type	ATX12V
Test Date	8/10/23

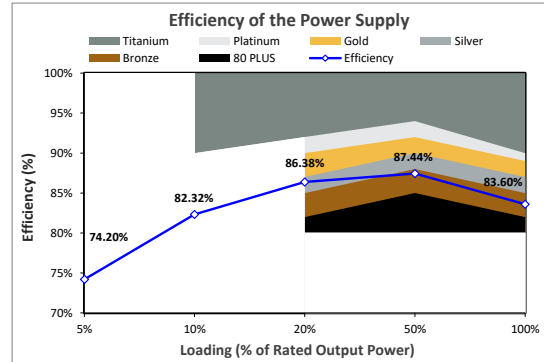
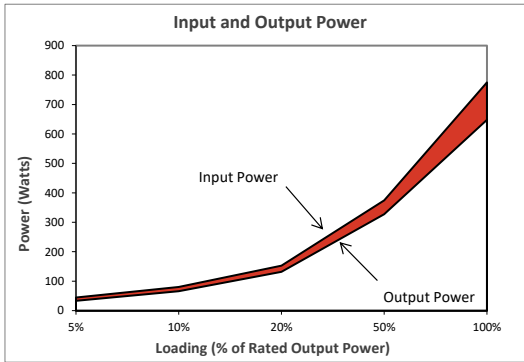


Input AC Current Waveform (ITHD = 5.57%, 50% Load)

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.

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
No-Load															
0.110	0.5474	14.04	0%	6.92											
0.403	0.9608	13.27	5%	44.58	12.15/2.2					12.05/0.01	3.34/0.73	5.07/0.61	5.12/0.13	33.07	74.20%
0.705	0.9873	9.14	10%	80.05	12.14/4.38					12.05/0.03	3.34/1.46	5.07/1.22	5.11/0.25	65.90	82.32%
1.345	0.9857	11.17	20%	152.55	12.12/8.79					12.06/0.06	3.33/2.93	5.05/2.44	5.1/0.5	131.77	86.38%
3.266	0.9964	5.57	50%	374.35	12.05/21.97					12.07/0.13	3.31/7.31	5.01/6.09	5.05/1.26	327.33	87.44%
6.752	0.9979	5.13	100%	774.95	11.96/43.88					12.15/0.25	3.27/14.59	4.92/12.19	4.97/2.52	647.84	83.60%



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/>