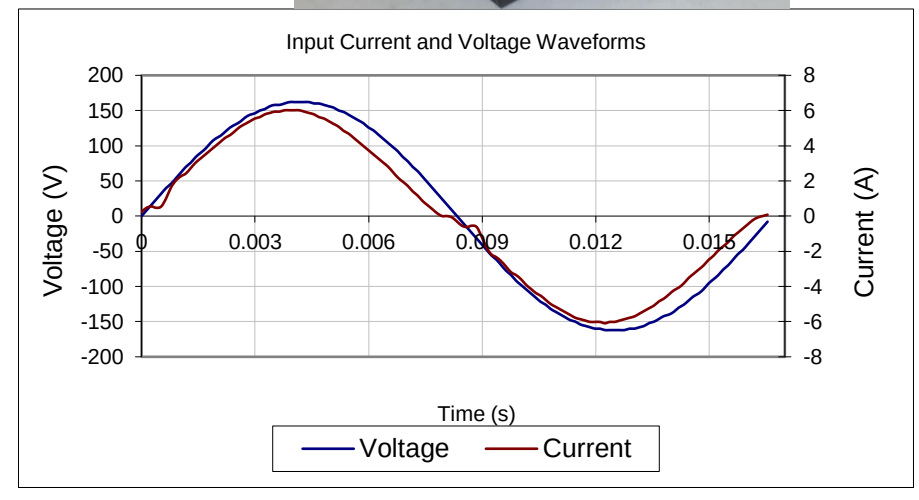
80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	**91.65%**
AVERAGE EFFICIENCY :	**90.29%**
80 PLUS COMPLIANT:	**YES**

ID Number	4824
Manufacturer	Corsair
Model Number	RPS0067 (CP9020130)(TX850M)
Serial Number	16484854000040960094
Year	2017
Type	ATX12V
Test Date	1/11/17

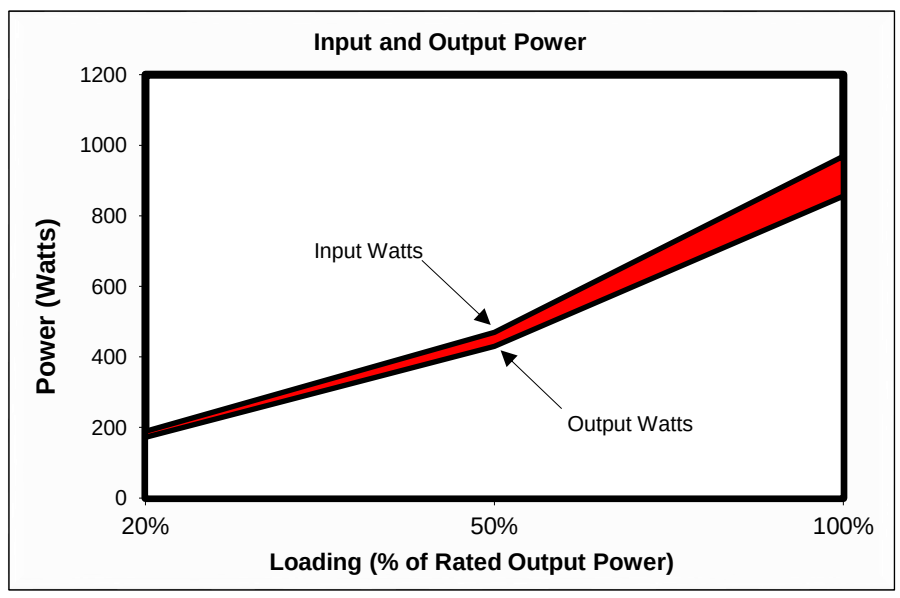
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	12-6	Amps
Input Frequency	47-63	Hz
Rated Output Power	**850**	**Watts**

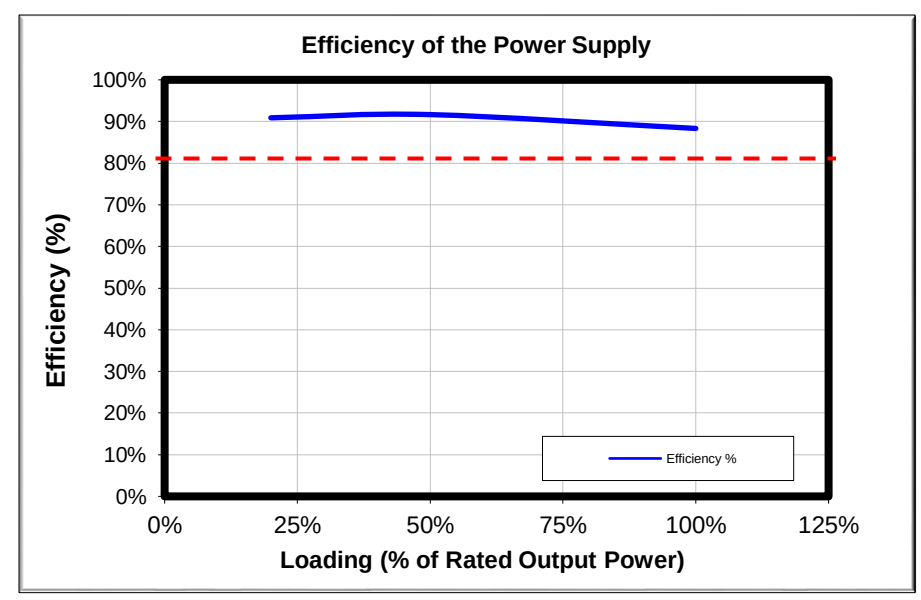
Note: All measurements were taken with input voltage at 115 V nominal at 60 Hz.



Input AC Current Waveform (ITHD = 8.94%, 50% Load)

I_{RMS} A 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		
0.90	0.96	11.40%	10%	99.34	12.14/6.01	12.34/0.07	3.34/1.33	5.06/1.33	5.06/0.25	86.27	**86.84%**
1.69	0.98	12.63%	20%	189.89	12.13/12.05	12.13/0.14	3.34/2.65	5.07/2.63	5.06/0.51	172.58	**90.89%**
4.12	0.99	8.94%	50%	469.80	12.12/30.09	12.15/0.34	3.34/6.63	5.07/6.57	5.05/1.27	430.59	**91.65%**
8.45	1.00	6.77%	100%	968.80	12.09/59.86	12.36/0.68	3.34/13.27	5.08/13.11	5.03/2.54	855.73	**88.33%**





PLUG LOAD solutions

Digitally signed by Alexandru Constantin
Date: 2021.09.06 12:57:16 EEST
Reason: MoldSign Signature
Location: Moldova

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/*

80 PLUS®