

## 80 PLUS Verification and Testing Report

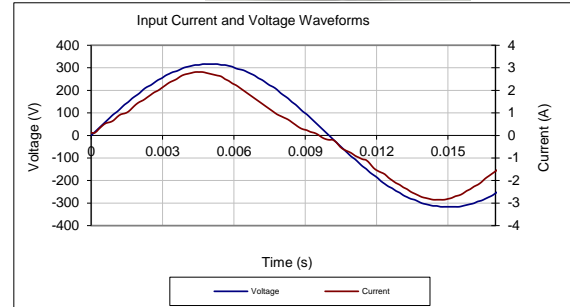
<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>86.47%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>85.06%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>Ecos ID #</b>	EU-141.1
<b>Manufacturer</b>	Thermaltake Technology Co., Ltd.
<b>Model Number</b>	SPR-700AH2NK-2 SMART RGB 700W
<b>Serial Number</b>	NA
<b>Year</b>	2015
<b>Type</b>	ATX12V
<b>Test Date</b>	6/30/15

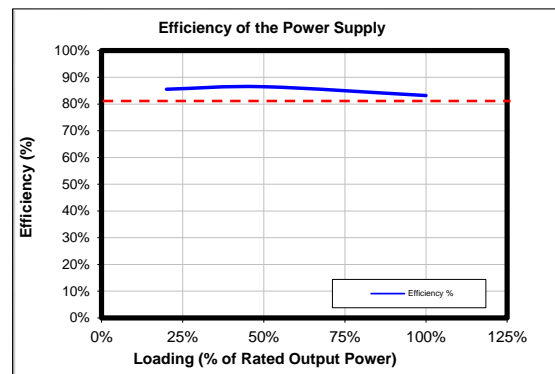
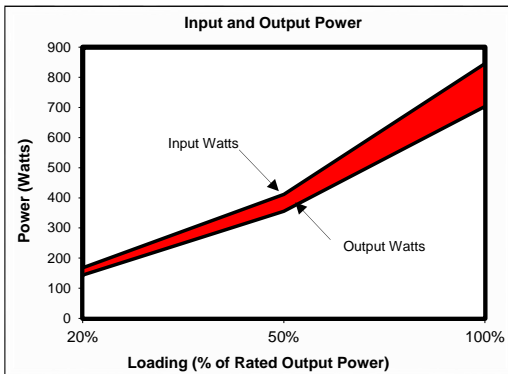
Rated Specifications	Value	Units
Input Voltage	230	Volts
Input Current	9	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>700</b>	<b>Watts</b>

Note: All measurements were taken with input voltage at 230 V nominal at 50 Hz.



Input AC Current Waveform (ITHD = 13.51%, 50% Load)

I <sub>RMS</sub> A	PF	I <sub>THD</sub> (%)	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		
0.42	0.91	13.95%	10%	88.07	12.31/4.81	12.16/0.04	3.39/1.56	5.07/1.11	5.15/0.22	71.72	81.44%
0.76	0.96	12.71%	20%	168.06	12.3/9.64	12.18/0.09	3.38/3.12	5.09/2.2	5.14/0.45	143.73	85.52%
1.83	0.98	13.51%	50%	411.50	12.22/24.03	12.26/0.22	3.36/7.8	5.03/5.49	5.09/1.11	355.83	86.47%
3.73	0.98	12.90%	100%	845.50	12.07/48.06	12.45/0.45	3.31/15.52	4.99/10.97	5.02/2.23	703.21	83.17%



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/>

