

## 80 PLUS Verification and Testing Report

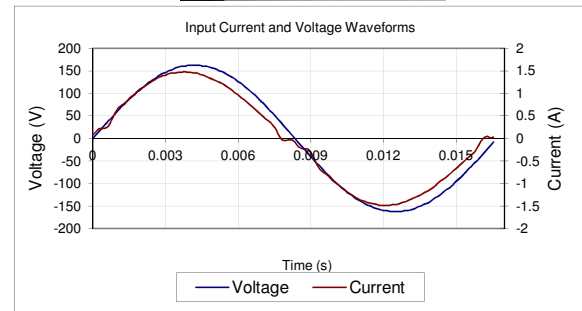
TYPICAL EFFICIENCY (50% Load):	85.36%
AVERAGE EFFICIENCY :	83.71%
80 PLUS COMPLIANT:	YES



Ecos ID #	4465
Manufacturer	Comstars
Model Number	KT-U200FX-Ayy
Serial Number	N/A
Year	2015
Type	FLEX ATX
Test Date	10/9/15

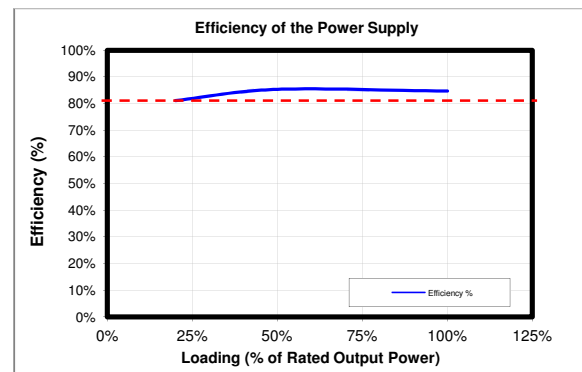
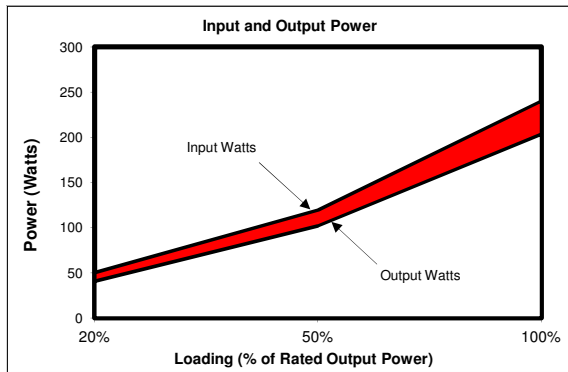
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	6	Amps
Input Frequency	60	Hz
Rated Output Power	200	Watts

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



Input AC Current Waveform (ITHD = 6.37%, 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		
0.27	0.89	22.45%	10%	27.17	12.28/1	11.93/0.03	3.38/0.6	5.22/0.9	5.06/0.2	20.42	75.14%
0.46	0.95	18.52%	20%	50.40	12.35/2.01	11.97/0.06	3.38/1.2	5.17/1.79	5.05/0.4	40.86	81.06%
1.05	0.99	6.37%	50%	119.59	12.38/5.03	12.38/0.15	3.36/3	5.12/4.47	4.98/1	102.09	85.36%
2.10	0.99	6.99%	100%	240.26	12.4/10.04	12.05/0.3	3.34/6.01	5.08/8.94	4.94/2	203.49	84.70%



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/>

