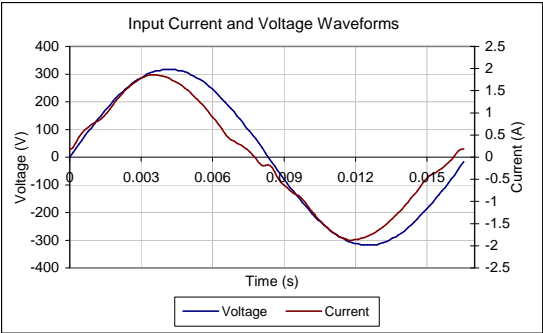


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	90.62%
AVERAGE EFFICIENCY :	89.40%
80 PLUS COMPLIANT:	YES



Ecos ID #	SO-215
Manufacturer	SEVENTEAM
Model Number	SEVENTEAM ST-500RWM
Serial Number	N/A
Year	2010
Type	1U
Test Date	12/16/2010



Input AC Current Waveform (ITHD = 10.26%, 50% Load)

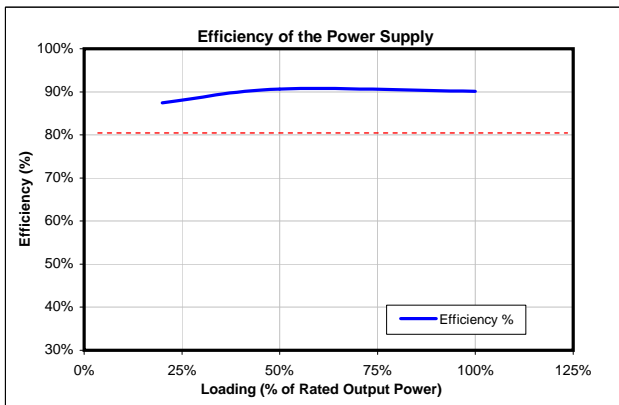
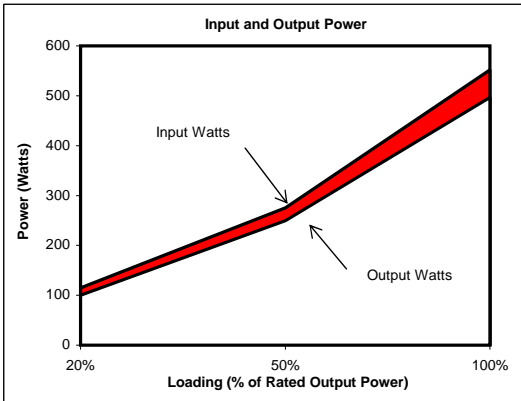
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	8-4	Amps
Input Frequency	50-60	Hz
Rated Output Power	500	Watts

Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.

I _{RMS} A	PF	I _{THD} (%)	Load (%)	Fraction of Load	Input Watts	External Fan (W)**	DC Terminal Voltage (V)/ DC Load Current (A)		Output Watts	Efficiency %
							12V	5Vsb		
0.40	0.67	16.18	*10%	Low	62	4.36	11.98/3.99	5.06/0.35	50	80.69%
0.62	0.81	11.28	20%	Light	115	4.36	12.08/8.01	5.04/0.7	100	87.47%
1.27	0.95	10.26	50%	Typical	275	4.32	12.02/20.01	5.01/1.75	249	90.62%
2.46	0.97	10.24	100%	Full	552	4.36	11.99/39.99	4.97/3.5	497	90.10%

* 10% load results are for informative purposes only and not included in certification requirements.

** Fan power is not included in the efficiency calculations



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/>

