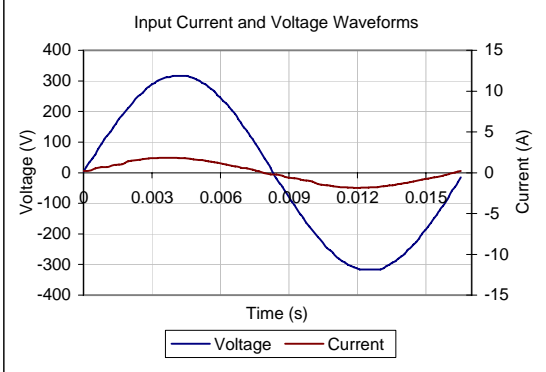


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	90.87%
AVERAGE EFFICIENCY :	88.93%
80 PLUS COMPLIANT:	YES



Ecos ID #	SO-10
Manufacturer	RACKABLE
Model Number	AHW5DC252W
Serial Number	N/A
Year	2008
Type	1U
Test Date	11/4/2008



Input AC Current Waveform (ITHD = 6.18%, 100% Load)

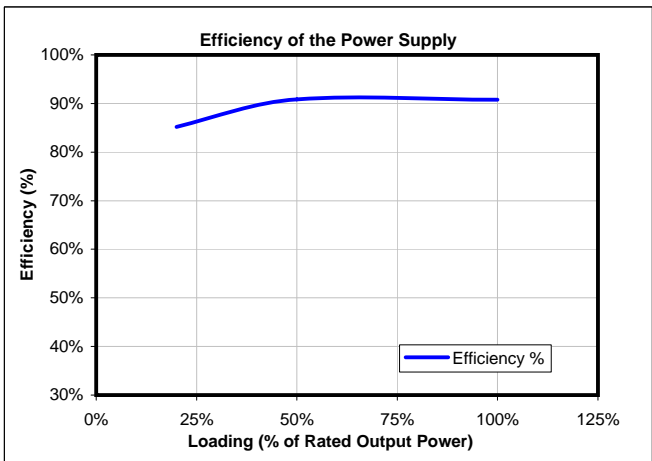
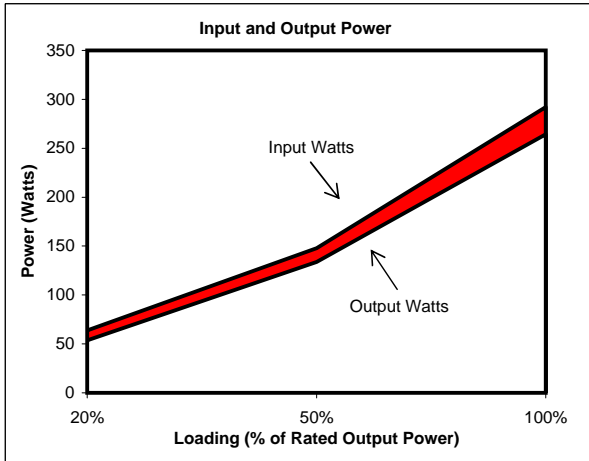
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	7.0-3.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	264.5	Watts

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	NA		
0.27	0.82	27.45	*10%	Low	36	0.73	12.22/2.1	5/0.25	0/0	27	76.41%
0.36	0.78	20.22	20%	Light	64	0.76	12.17/4.2	5.04/0.5	0/0	54	85.18%
0.68	0.95	11.49	50%	Typical	148	0.83	12.13/10.5	5.04/1.25	0/0	134	90.87%
1.29	0.99	6.18	100%	Full	292	1.04	11.99/21	4.96/2.5	0/0	264	90.75%

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

** Fan power is not included in the efficiency calculations



Tested by Electric Power Research Institute, Knoxville, TN.