

80 PLUS Verification and Testing Report

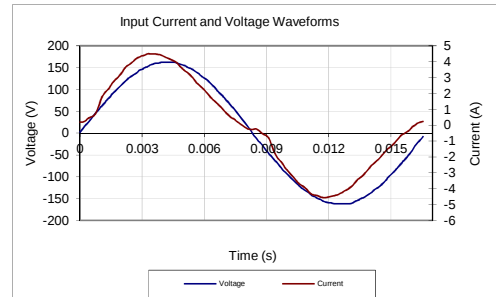
TYPICAL EFFICIENCY (50% Load):	90.98%
AVERAGE EFFICIENCY :	89.92%
80 PLUS COMPLIANT:	YES



Ecos ID #	4021.1
Manufacturer	ROSEWILL
Model Number	VALENS 600
Serial Number	NA
Year	2014
Type	EPS12V
Test Date	7/16/14

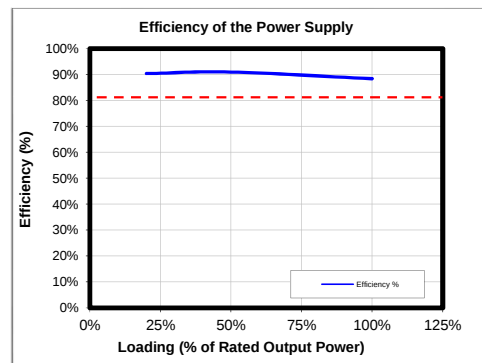
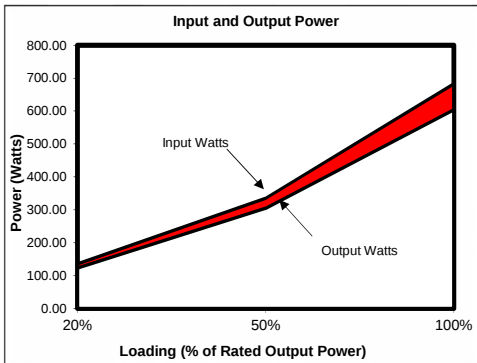
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	50/60	Hz
Rated Output Power	600	Watts

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



Input AC Current Waveform (ITHD = 14.94%, 50% Load)

I _{RMS} 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		
0.64	0.94	29.71%	10%	70.06	12.2/4.2	11.7/0	3.4/1	5.1/1	5.1/0.2	61.04	87.12%
1.22	0.96	24.08%	20%	135.17	12.2/8.4	11.7/0.1	3.4/2	5.1/2	5.1/0.4	122.18	90.39%
2.98	0.98	14.94%	50%	334.50	12.2/20.9	11.7/0.2	3.4/5	5.1/5	5.1/1	304.31	90.98%
5.99	0.99	8.51%	100%	683.00	12.2/41.4	11.9/0.4	3.4/10	5.1/10	5/2.1	603.83	88.41%



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/>

