

80 PLUS Verification and Testing Report

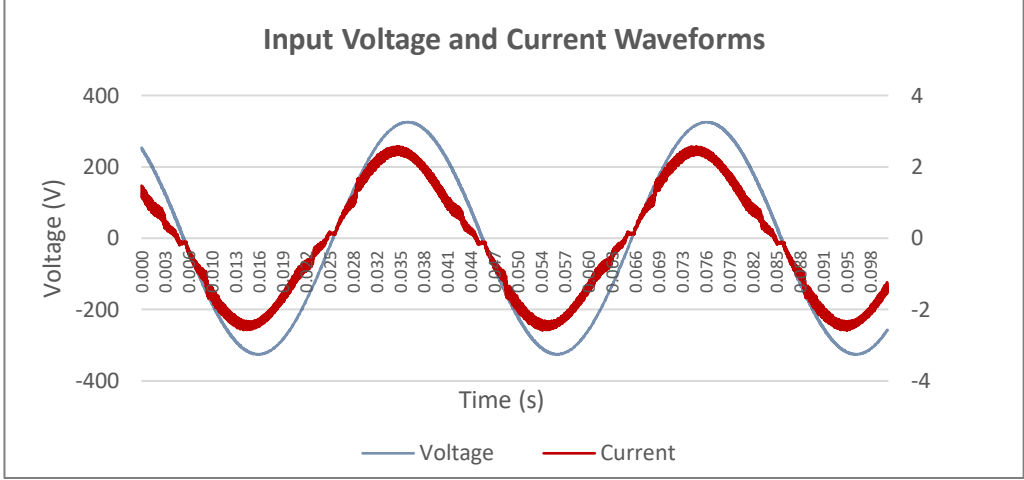
TYPICAL EFFICIENCY (50% Load):	89.38%
AVERAGE EFFICIENCY :	81.81%
AVERAGE STANDBY EFFICIENCY :	68.74%
80 PLUS COMPLIANT:	Bronze



ID Number	EU-1253
Manufacturer	ENDORFY
Model Number	ENDORFY Vero L6 650 W
Sample 1 S/N:	5903018668918
Sample 2 S/N:	5903018668918
Type	ATX 3.1
Test Date	9/8/25

Rated	Value	Units
Input Voltage	200-240	Volts
Input Current	5	Amps
Input Frequency	50-60	Hz
Rated Output Power	650	Watts

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



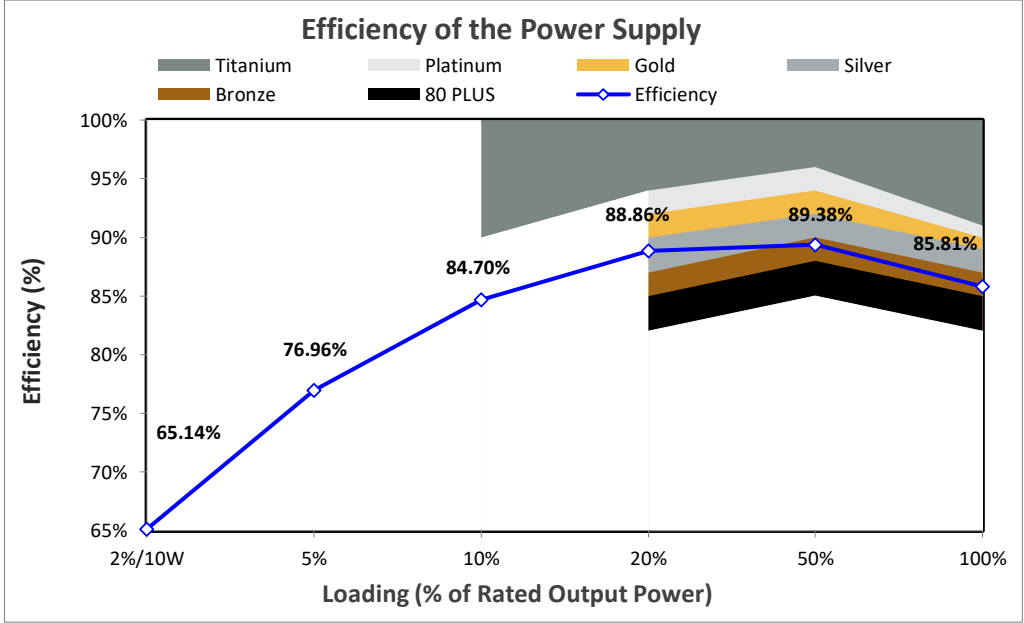
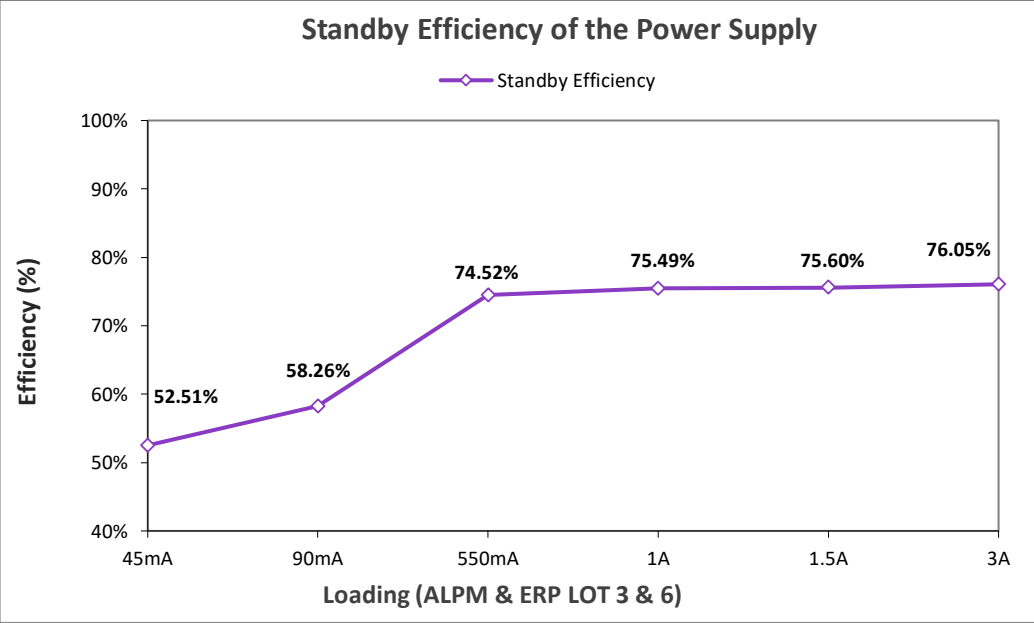
Input AC Current Waveform (ITHD = 8.91%, 50% Load)

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.)		3.3V	5V		
0.126	0.3249	27.69	0%	9.38	No-Load					
0.168	0.5241	23.95	2%/10W	20.25	12.196/0.922	3.302/0.205	5.012/0.205	5.135/0.051	13.19	65.14%
0.252	0.7391	17.97	5%	42.84	12.193/2.302	3.303/0.513	5.013/0.513	5.133/0.128	32.97	76.96%
0.389	0.8707	13.36	10%	77.83	12.190/4.603	3.304/1.024	5.014/1.024	5.130/0.256	65.92	84.70%
0.686	0.9400	15.57	20%	148.29	12.183/9.203	3.307/2.050	5.016/2.050	5.124/0.511	131.78	88.86%
1.631	0.9810	8.91	50%	368.03	12.163/23.005	3.313/5.130	5.021/5.129	5.106/1.278	328.96	89.38%
3.356	0.9909	5.67	100%	764.99	12.135/46.005	3.315/10.261	5.028/10.262	5.094/2.555	656.41	85.81%

Note: Efficiency data was obtained from Sample 1 (Serial Number: 5903018668918)

I _{RMS} (A)	PF	I _{THD} (%)	Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)		Output Watts	Standby Efficiency
					5VSB			
0.089	0.0067	2.54	0mA	0.14	Vampire Load			
0.089	0.0215	7.29	45mA	0.44	5.134/0.045		0.23	52.51%
0.089	0.0386	12.19	90mA	0.79	5.132/0.090		0.46	58.26%
0.101	0.1624	44.86	550mA	3.78	5.118/0.550		2.82	74.52%
0.120	0.2450	62.45	1A	6.76	5.104/1.000		5.10	75.49%
0.145	0.3025	73.14	1.5A	10.09	5.088/1.500		7.63	75.60%
0.232	0.3742	84.51	3A	19.90	5.040/3.002		15.13	76.05%

Note: Standby efficiency data was obtained from Sample 2 (Serial Number: 5903018668918)



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.

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