

80 PLUS Verification and Testing Report

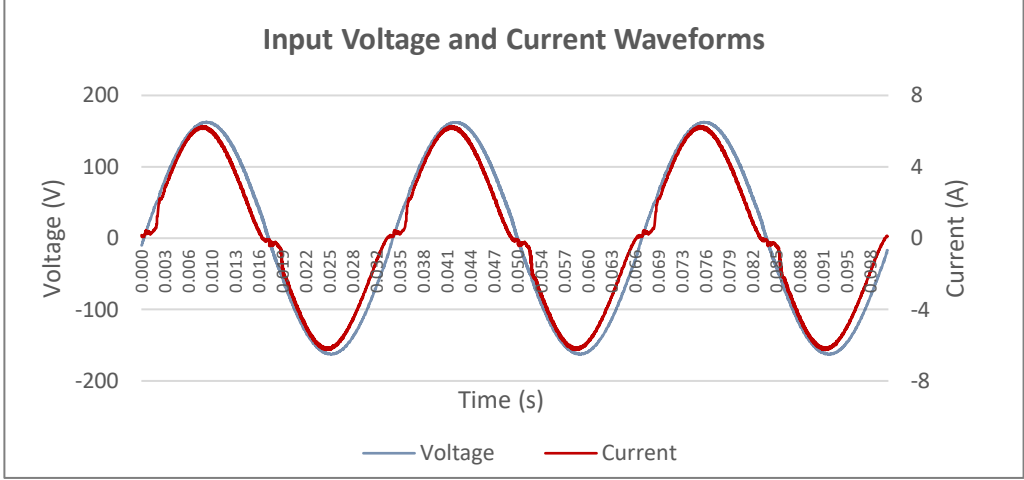
TYPICAL EFFICIENCY (50% Load):	91.68%
AVERAGE EFFICIENCY :	85.19%
AVERAGE STANDBY EFFICIENCY :	78.74%
80 PLUS COMPLIANT:	Gold



ID Number	8104
Manufacturer	ENDORFY
Model Number	Enduro L6 850 W
Sample 1 S/N:	N/A
Sample 2 S/N:	N/A
Type	ATX12V
Test Date	2/3/26

Rated	Value	Units
Input Voltage	100-240	Volts
Input Current	12-6	Amps
Input Frequency	50-60	Hz
Rated Output Power	850	Watts

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



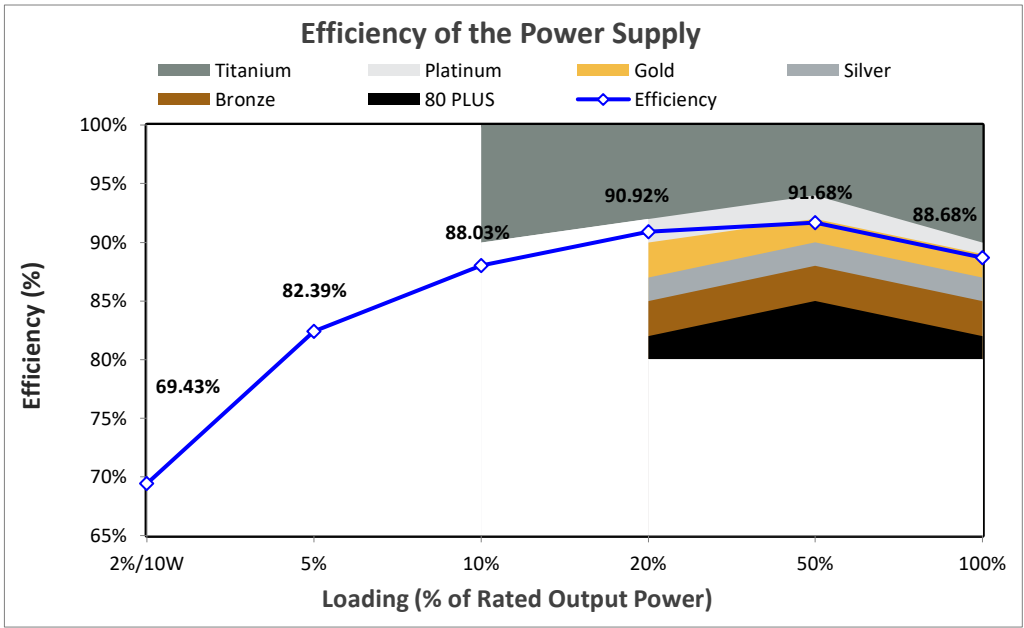
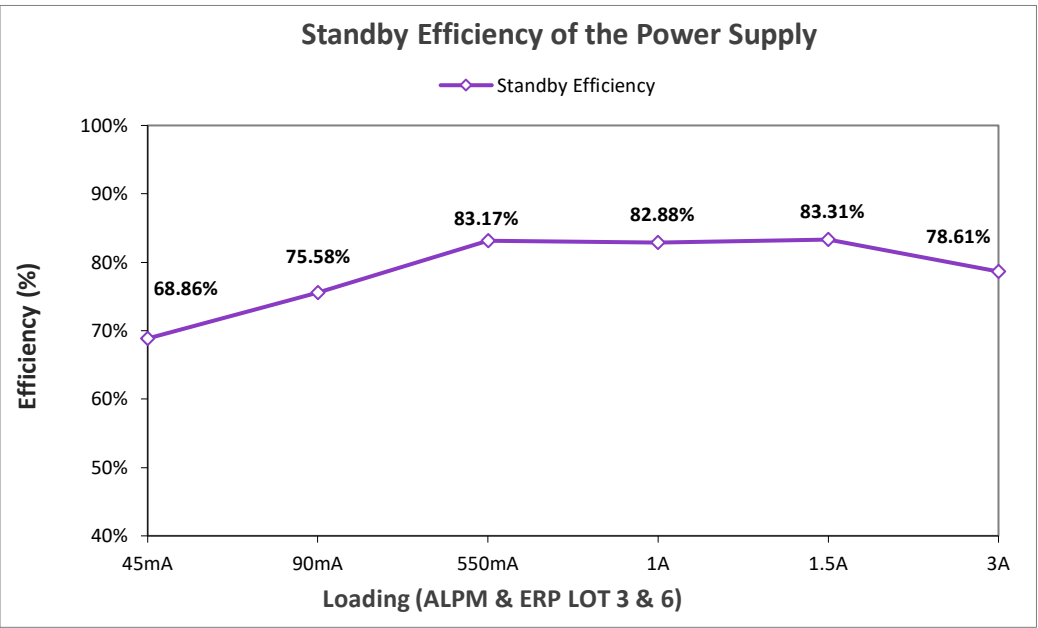
Input AC Current Waveform (ITHD = 12.58%, 50% Load)

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	5VSB		
0.123	0.4996	27.83	0%	7.09	No-Load					
0.251	0.8511	24.97	2%/10W	24.56	12.030/1.248	3.308/0.214	5.014/0.214	5.051/0.053	17.05	69.43%
0.476	0.9459	20.01	5%	51.71	12.027/3.117	3.307/0.536	5.012/0.536	5.047/0.134	42.61	82.39%
0.860	0.9776	17.84	10%	96.75	12.024/6.233	3.304/1.070	5.009/1.070	5.039/0.267	85.17	88.03%
1.671	0.9743	18.57	20%	187.19	12.015/12.463	3.298/2.142	5.002/2.142	5.025/0.534	170.19	90.92%
4.072	0.9891	12.58	50%	463.03	11.993/31.157	3.279/5.359	4.982/5.360	4.980/1.335	424.50	91.68%
8.388	0.9961	7.59	100%	960.34	12.028/62.305	3.320/10.721	5.016/10.721	4.952/2.670	851.58	88.68%

Note: Efficiency data was obtained from Sample 1 (Serial Number: N/A)

I _{RMS} (A)	PF	I _{THD} (%)	Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)		Output Watts	Standby Efficiency
					5VSB			
0.072	0.0065	2.31	0mA	0.06	Vampire Load			
0.072	0.0396	10.96	45mA	0.33	5.039/0.045		0.23	68.86%
0.073	0.0711	18.56	90mA	0.60	5.038/0.090		0.45	75.58%
0.096	0.3010	59.52	550mA	3.33	5.028/0.550		2.77	83.17%
0.129	0.4081	72.75	1A	6.06	5.018/1.000		5.02	82.88%
0.170	0.4614	78.21	1.5A	9.02	5.007/1.500		7.51	83.31%
0.326	0.5081	83.42	3A	19.02	4.984/3.000		14.96	78.61%

Note: Standby efficiency data was obtained from Sample 2 (Serial Number: N/A)



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. <https://www.clearesult.com/80plus/> [clearesult.com](https://www.clearesult.com/)