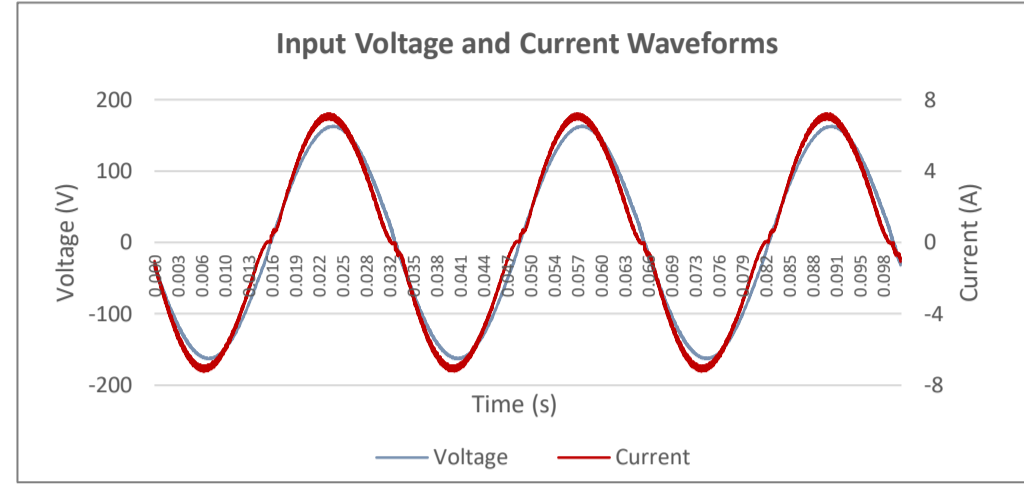


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	91.82%
AVERAGE EFFICIENCY :	86.60%
AVERAGE STANDBY EFFICIENCY :	78.43%
80 PLUS COMPLIANT:	Gold



ID Number	7971.1
Manufacturer	Jingsi Shenzhen Technology Co., Ltd.
Model Number	ES1000
Sample 1 S/N:	N/A
Sample 2 S/N:	N/A
Type	ATX12V, ATX 3.1, EPS12V
Test Date	9/12/25



Rated	Value	Units
Input Voltage	100-240	Volts
Input Current	12-6	Amps
Input Frequency	50-60	Hz
Rated Output Power	1000	Watts

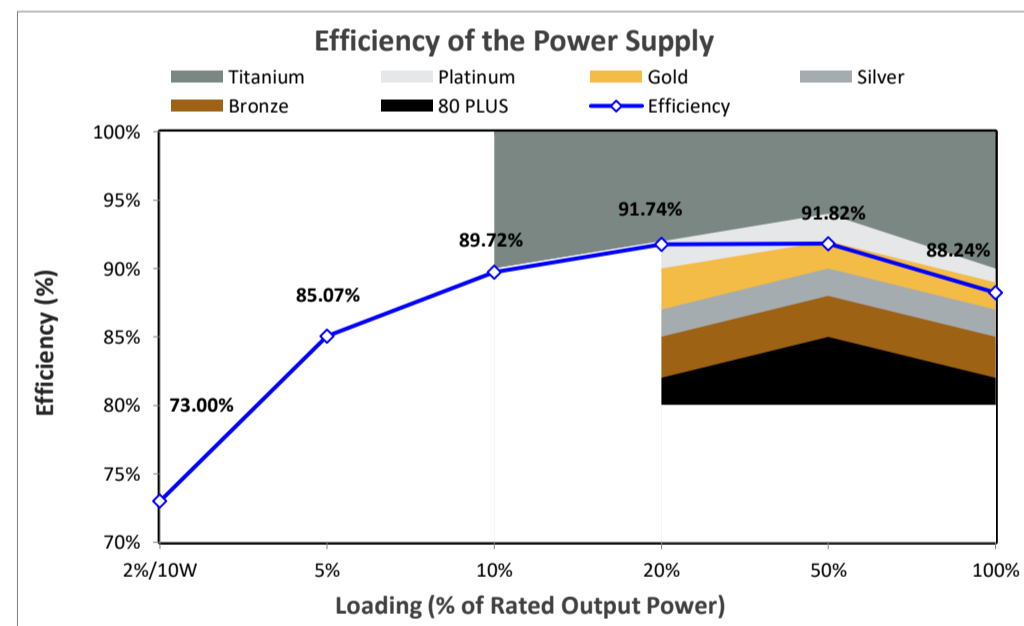
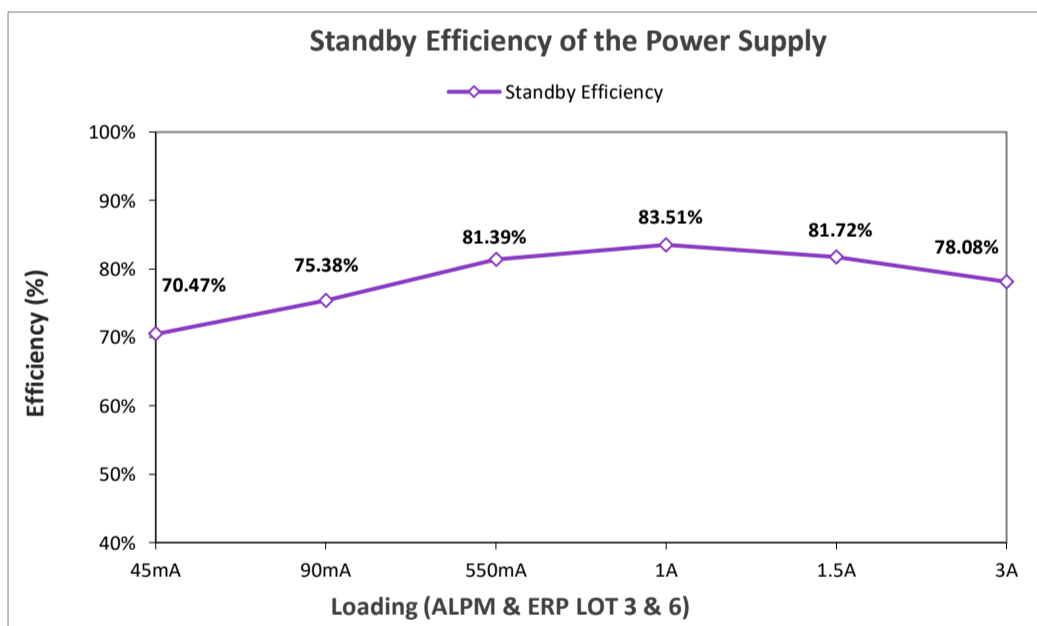
Note: All measurements were taken with input voltage at 115 V nominal at 60 Hz.

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	5VSB		
0.123	0.3292	30.70	0%	4.64	No-Load						
0.295	0.8144	19.89	2%/10W	27.65	12.110/1.491	11.976/0.005	3.319/0.215	5.026/0.215	5.127/0.054	20.18	73.00%
0.548	0.9416	14.32	5%	59.29	12.107/3.726	11.969/0.013	3.319/0.539	5.026/0.538	5.123/0.134	50.44	85.07%
0.995	0.9820	8.11	10%	112.37	12.102/7.450	11.963/0.027	3.318/1.075	5.026/1.076	5.118/0.268	100.82	89.72%
1.948	0.9807	12.63	20%	219.61	12.090/14.899	11.949/0.054	3.316/2.152	5.025/2.153	5.107/0.537	201.48	91.74%
4.790	0.9931	7.45	50%	547.22	12.059/37.251	11.909/0.134	3.309/5.385	5.025/5.385	5.072/1.342	502.47	91.82%
9.917	0.9953	6.98	100%	1134.52	12.014/74.491	11.839/0.268	3.295/10.772	5.020/10.773	5.015/2.682	1001.10	88.24%

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	Vampire Load		
0.083	0.0043	2.54	0mA	0.04	5VSB			
0.084	0.0339	10.79	45mA	0.33	5.109/0.045		0.23	70.47%
0.085	0.0626	18.26	90mA	0.61	5.108/0.090		0.46	75.38%
0.109	0.2750	59.29	550mA	3.45	5.098/0.550		2.80	81.39%
0.144	0.3687	73.46	1A	6.09	5.089/1.000		5.09	83.51%
0.190	0.4257	79.82	1.5A	9.32	5.079/1.500		7.62	81.72%
0.345	0.4897	84.15	3A	19.40	5.045/3.003		15.15	78.08%

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.clearexult.com/80plus/> [clearexult.com]