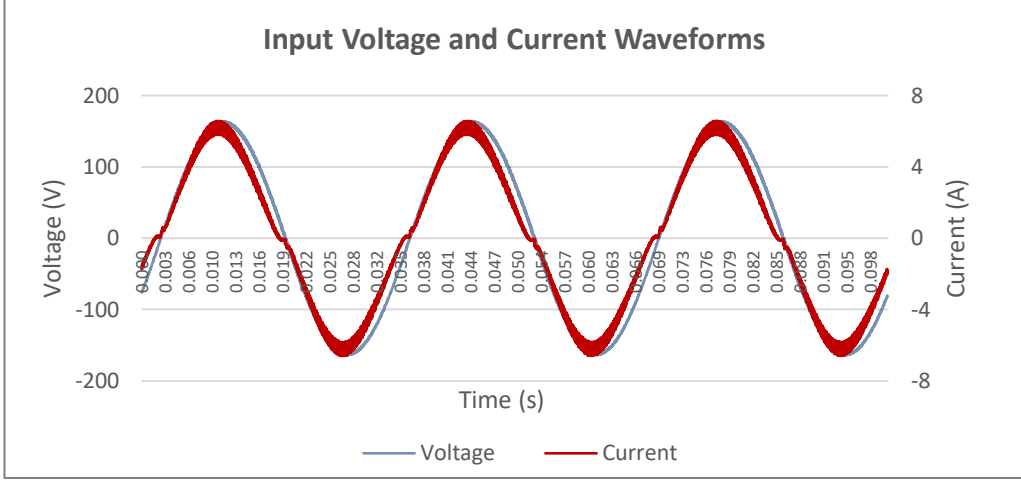


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	91.90%
AVERAGE EFFICIENCY :	86.15%
AVERAGE STANDBY EFFICIENCY :	73.99%
80 PLUS COMPLIANT:	Gold



ID Number	7872
Manufacturer	ADATA
Model Number	PYMCORE850GOLD
Sample 1 S/N:	N/A
Sample 2 S/N:	N/A
Type	ATX12V,EPS12V
Test Date	6/19/25



Rated	Value	Units
Input Voltage	100-240	Volts
Input Current	10	Amps
Input Frequency	50-60	Hz
Rated Output Power	850	Watts

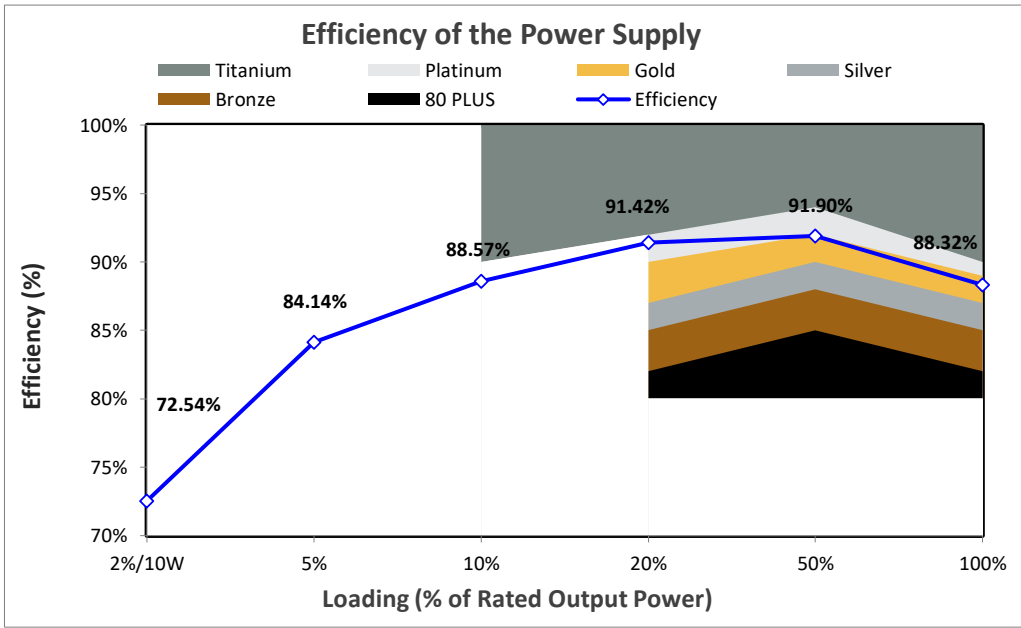
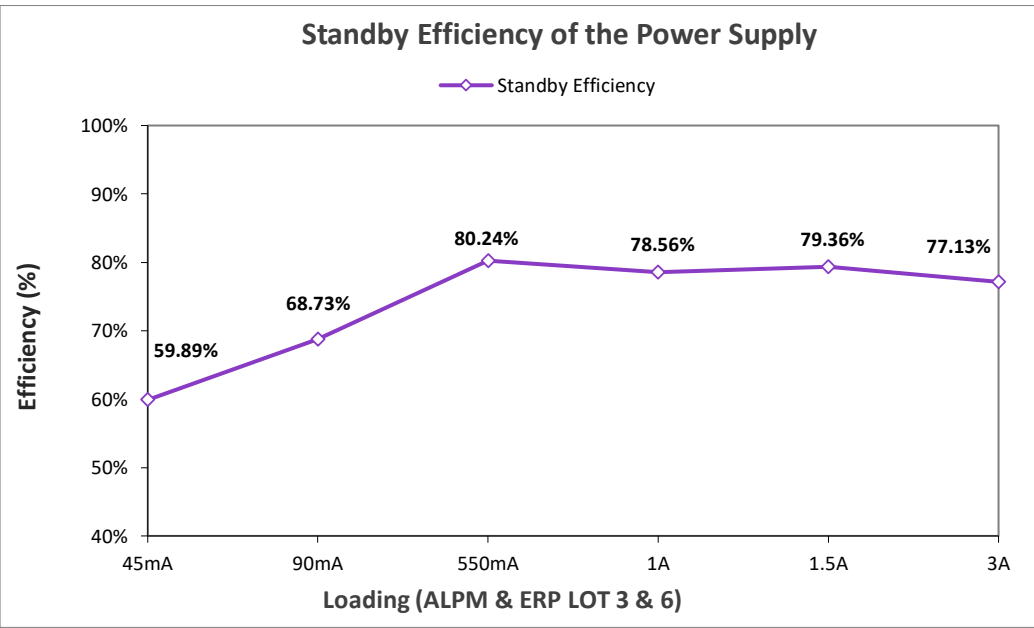
Note: All measurements were taken with input voltage at 115 V nominal at 60 Hz.

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		
0.150	0.3163	28.04	0%	5.45	No-Load						
0.285	0.7202	18.39	2%/10W	23.64	12.103/1.244	12.008/0.007	3.329/0.211	5.019/0.211	5.112/0.053	17.15	72.54%
0.495	0.8955	14.29	5%	50.95	12.104/3.106	12.021/0.018	3.329/0.528	5.019/0.528	5.111/0.132	42.87	84.14%
0.876	0.9605	9.41	10%	96.80	12.105/6.210	12.024/0.035	3.330/1.054	5.021/1.055	5.107/0.263	85.73	88.57%
1.669	0.9783	10.69	20%	187.52	12.104/12.418	12.025/0.070	3.329/2.111	5.021/2.111	5.095/0.526	171.44	91.42%
4.097	0.9895	9.18	50%	466.08	12.096/31.046	12.013/0.175	3.328/5.280	5.020/5.280	5.056/1.315	428.32	91.90%
8.499	0.9914	8.46	100%	969.48	12.096/62.079	12.019/0.351	3.328/10.561	5.021/10.561	4.996/2.630	856.29	88.32%

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		
0.105	0.0066	6.77	0mA	0.08		5.102/0.045	0.23	59.89%
0.106	0.0316	11.76	45mA	0.38		5.101/0.090	0.46	68.73%
0.107	0.0543	16.92	90mA	0.67		5.092/0.550	2.80	80.24%
0.130	0.2341	53.47	550mA	3.49		5.084/1.000	5.08	78.56%
0.166	0.3393	68.88	1A	6.47		5.074/1.500	7.61	79.36%
0.212	0.3940	76.60	1.5A	9.59		5.046/3.003	15.15	77.13%
0.373	0.4587	83.16	3A	19.64				

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/)