80 PLUS Verification and Testing Report

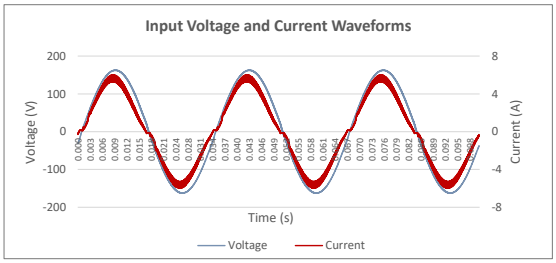
TYPICAL EFFICIENCY (50% Load):	90.42%
AVERAGE EFFICIENCY :	83.52%
AVERAGE STANDBY EFFICIENCY :	78.50%
80 PLUS COMPLIANT:	Gold



ID Number	8011
Manufacturer	Formula V Technology CO.
Model Number	FV-750GM
Sample 1 S/N:	N/A
Sample 2 S/N:	N/A
Type	EPS12V
Test Date	10/24/25

Rated	Value	Units
Input Voltage	100-240	Volts
Input Current	11-5.5	Amps
Input Frequency	47-63	Hz
Rated Output Power	750	Watts

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



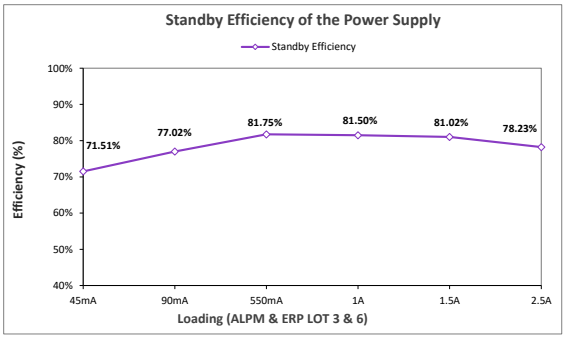
Input AC Current Waveform (ITHD = 11.31%, 50% Load)

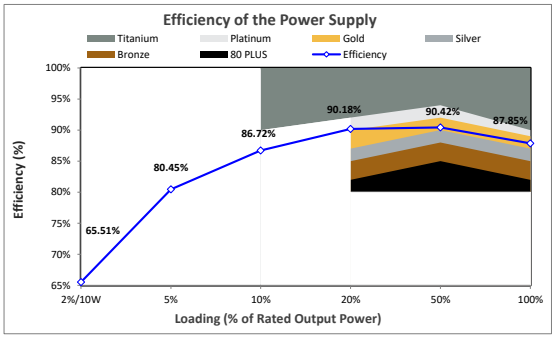
I_{RMS} (A)	PF	I_{THD} (%)	Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)					Output Watts	Efficiency
					12V (cumulative of 12V1, 12V2, etc.)	-12V	3.3V	5V	5VSB		
0.161	0.3838	40.34	0%	7.12	No-Load						
0.275	**0.7292**	24.29	2%/10W	23.01	12.043/1.047	12.215/0.005	3.350/0.262	5.055/0.262	5.053/0.042	15.08	65.51%
0.457	**0.8928**	18.83	5%	46.87	12.048/2.617	12.221/0.013	3.349/0.655	5.055/0.655	5.052/0.105	37.71	80.45%
0.788	**0.9602**	14.85	10%	87.02	12.058/5.233	12.230/0.025	3.350/1.309	5.056/1.309	5.049/0.209	75.46	86.72%
1.483	**0.9824**	13.05	20%	167.57	12.076/10.464	12.247/0.050	3.350/2.619	5.057/2.620	5.043/0.419	151.11	90.18%
3.698	**0.9887**	11.31	50%	420.43	12.163/26.161	12.300/0.126	3.349/6.553	5.057/6.554	5.026/1.046	380.17	90.42%
7.586	**0.9947**	8.48	100%	867.65	12.220/52.314	12.374/0.251	3.343/13.106	5.016/13.107	4.965/2.092	762.26	87.85%

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		
0.088	0.0048	4.82	0mA	0.05	Vampire Load		
0.088	**0.0311**	11.78	45mA	0.32	5.015/0.045	0.23	71.51%
0.090	**0.0568**	19.85	90mA	0.59	5.014/0.090	0.45	77.02%
0.113	**0.2592**	58.08	550mA	3.37	5.005/0.550	2.75	81.75%
0.148	**0.3594**	72.64	1A	6.13	4.995/1.000	5.00	81.50%
0.192	**0.4172**	78.99	1.5A	9.23	4.984/1.500	7.48	81.02%
0.288	**0.4638**	83.14	2.5A	15.97	4.998/2.500	12.50	78.23%

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.
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