80 PLUS Verification and Testing Report

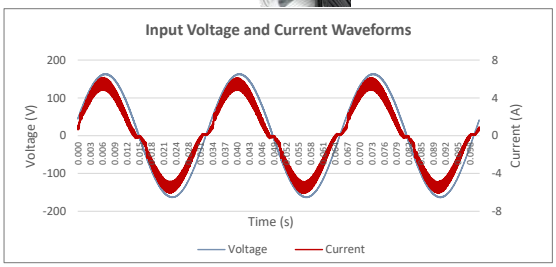
TYPICAL EFFICIENCY (50% Load):	**92.76%**
AVERAGE EFFICIENCY :	**85.09%**
AVERAGE STANDBY EFFICIENCY :	**76.36%**
80 PLUS COMPLIANT:	**Platinum**



ID Number	7894
Manufacturer	SOMORE TECH CO., LTD.
Model Number	TR-KP750
Sample 1 S/N:	N/A
Sample 2 S/N:	N/A
Type	ATX 3.1
Test Date	7/9/25

Rated	Value	Units
Input Voltage	100-240	**Volts**
Input Current	10	**Amps**
Input Frequency	50-60	**Hz**
Rated Output Power	750	**Watts**

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



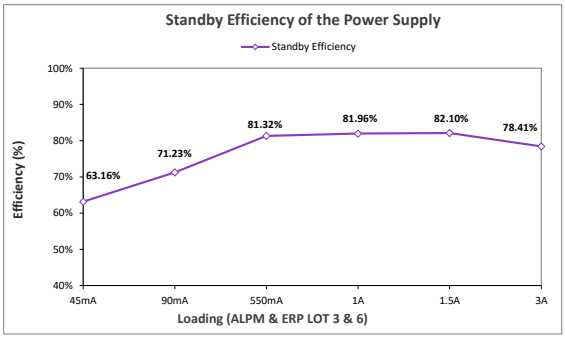
Input AC Current Waveform (ITHD = 12.34%, 50% Load)

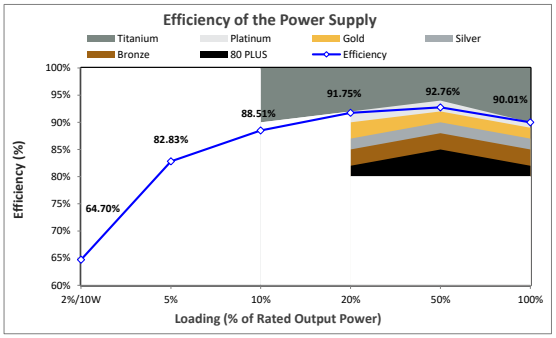
I_{RMS} (A)	PF	I_{THD} (%)	Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)					Output Watts	Efficiency
					12V (cumulative of 12V1, 12V2, etc.)	-12V	3.3V	5V	5VSB		
0.143	0.3630	28.17	0%	**5.97**	**No-Load**						
0.269	**0.7544**	21.58	2%/10W	**23.32**	12.045/1.081	11.962/0.005	3.376/0.208	5.086/0.208	5.110/0.052	**15.09**	**64.70%**
0.457	**0.8676**	19.42	5%	**45.55**	12.047/2.700	11.958/0.013	3.377/0.520	5.085/0.520	5.105/0.130	**37.73**	**82.83%**
0.798	**0.9291**	15.03	10%	**85.24**	12.050/5.397	11.958/0.026	3.378/1.039	5.086/1.040	5.097/0.259	**75.45**	**88.51%**
1.482	**0.9649**	14.08	20%	**164.47**	12.050/10.794	11.952/0.052	3.377/2.080	5.084/2.080	5.082/0.518	**150.90**	**91.75%**
3.592	**0.9846**	12.34	50%	**406.85**	12.055/26.984	11.952/0.130	3.376/5.201	5.081/5.202	5.036/1.295	**377.38**	**92.76%**
7.435	**0.9811**	9.16	100%	**839.34**	12.072/53.961	11.959/0.259	3.377/10.402	5.078/10.403	4.957/2.590	**755.46**	**90.01%**

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		
0.090	0.0075	6.21	0mA	**0.08**	**Vampire Load**		
0.093	**0.0339**	12.94	45mA	**0.36**	5.114/0.045	**0.23**	**63.16%**
0.101	**0.0553**	19.24	90mA	**0.65**	5.112/0.090	**0.46**	**71.23%**
0.134	**0.2231**	60.63	550mA	**3.44**	5.093/0.550	**2.80**	**81.32%**
0.177	**0.3032**	74.23	1A	**6.19**	5.074/1.000	**5.07**	**81.96%**
0.218	**0.3676**	80.14	1.5A	**9.23**	5.054/1.500	**7.58**	**82.10%**
0.499	**0.3328**	84.72	3A	**19.10**	4.990/3.001	**14.98**	**78.41%**

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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