80 PLUS Verification and Testing Report

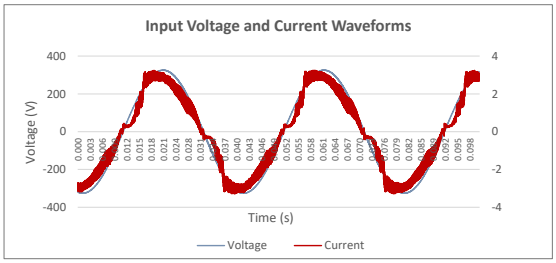


TYPICAL EFFICIENCY (50% Load):	93.44%
AVERAGE EFFICIENCY :	86.93%
AVERAGE STANDBY EFFICIENCY :	59.32%
80 PLUS COMPLIANT:	Gold

ID Number	EU-1275
Manufacturer	HuntKey
Model Number	HK950-41PN
Sample 1 S/N:	N/A
Sample 2 S/N:	N/A
Type	SFX
Test Date	11/18/25

Rated	Value	Units
Input Voltage	200-240	Volts
Input Current	6.3	Amps
Input Frequency	50-60	Hz
Rated Output Power	850	Watts

Note: All measurements were taken with input voltage at 230 V nominal at 50 Hz.



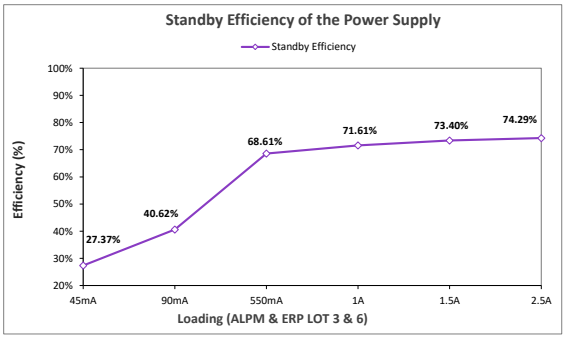
Input AC Current Waveform (ITHD = 13.07%, 50% Load)

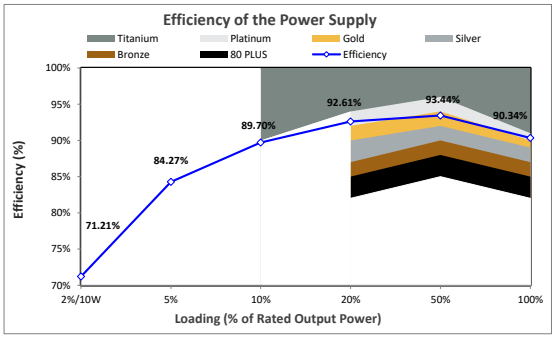
$I_{RMS\ (A)}$	PF	$I_{THD\ (\%)}$	Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)					Output Watts	Efficiency
					12V (cumulative of 12V1, 12V2, etc.)	-12V	3.3V	5V	5VSB		
0.117	0.2028	22.22	0%	5.46	No-Load						
0.174	**0.6115**	20.60	2%/10W	24.44	12.283/1.199	11.836/0.005	3.396/0.285	5.111/0.285	5.116/0.042	17.40	**71.21%**
0.254	**0.8845**	26.78	5%	51.60	12.279/2.994	11.837/0.013	3.393/0.713	5.107/0.713	5.114/0.106	43.49	**84.27%**
0.447	**0.9416**	22.98	10%	96.90	12.273/5.986	11.838/0.025	3.390/1.424	5.101/1.424	5.111/0.211	86.92	**89.70%**
0.843	**0.9670**	17.56	20%	187.46	12.258/11.970	11.839/0.051	3.383/2.849	5.089/2.849	5.104/0.423	173.61	**92.61%**
2.038	**0.9864**	13.07	50%	462.30	12.204/29.924	11.837/0.127	3.361/7.127	5.053/7.127	5.082/1.057	431.99	**93.44%**
4.150	**0.9926**	8.70	100%	947.52	12.099/59.842	11.844/0.254	3.323/14.254	4.989/14.254	5.045/2.113	856.04	**90.34%**

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		
0.097	0.0225	6.16	0mA	0.51	Vampire Load		
0.100	**0.0363**	11.69	45mA	0.84	5.115/0.045	0.23	**27.37%**
0.105	**0.0474**	15.93	90mA	1.13	5.114/0.090	0.46	**40.62%**
0.125	**0.1348**	47.65	550mA	4.09	5.104/0.550	2.81	**68.61%**
0.152	**0.2128**	64.81	1A	7.11	5.094/1.000	5.09	**71.61%**
0.184	**0.2448**	74.21	1.5A	10.39	5.083/1.500	7.63	**73.40%**
0.246	**0.3019**	82.91	2.5A	17.03	5.060/2.500	12.65	**74.29%**

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]