

80 PLUS Verification and Testing Report

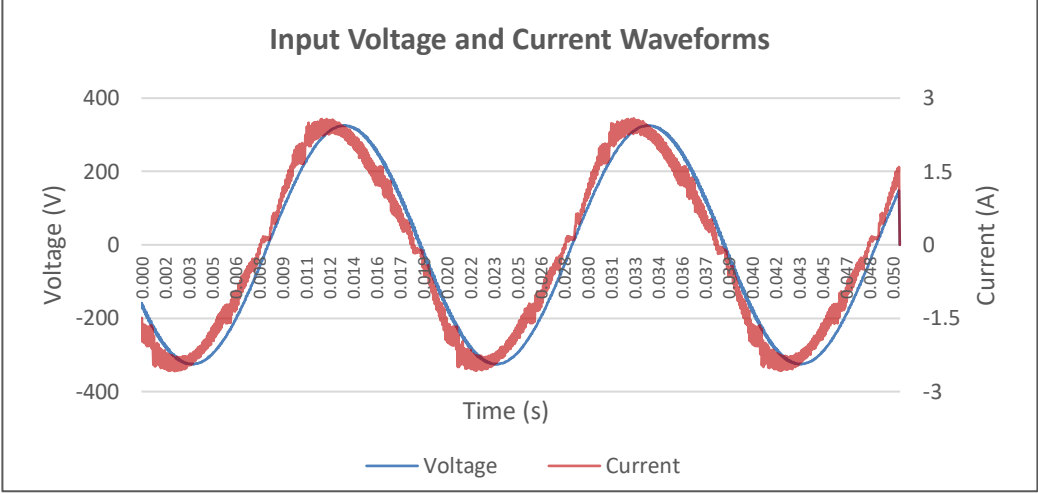
TYPICAL EFFICIENCY (50% Load):	92.83%
AVERAGE EFFICIENCY :	87.90%
80 PLUS COMPLIANT:	Gold



ID Number	EU-1136
Manufacturer	CE LINK LIMITED
Model Number	PCSG-0700H-OA
Serial Number	N/A
Type	ATX 3.1
Test Date	11/8/24

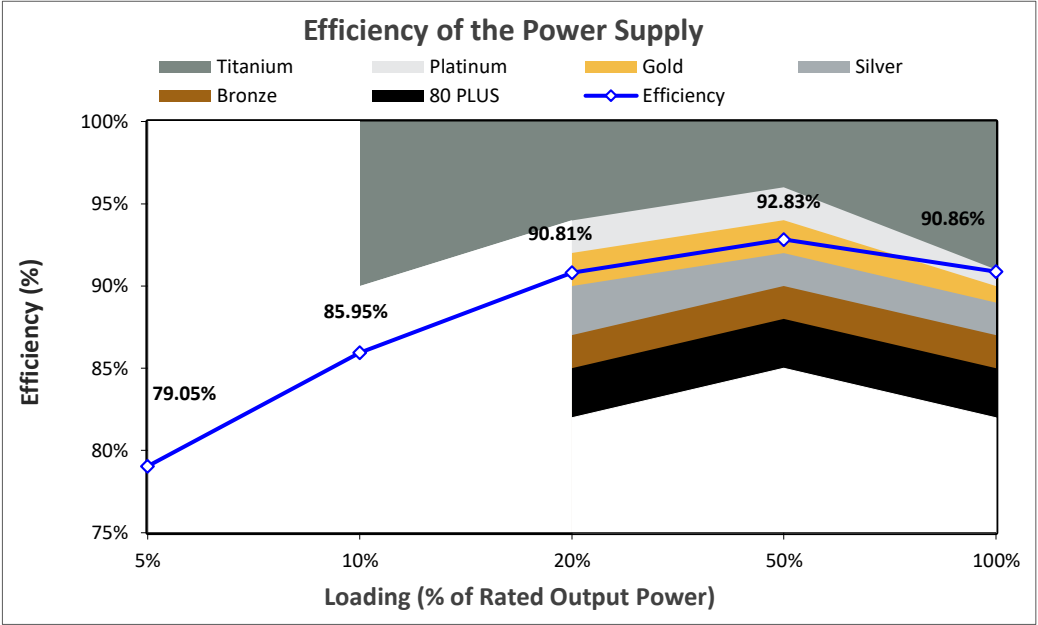
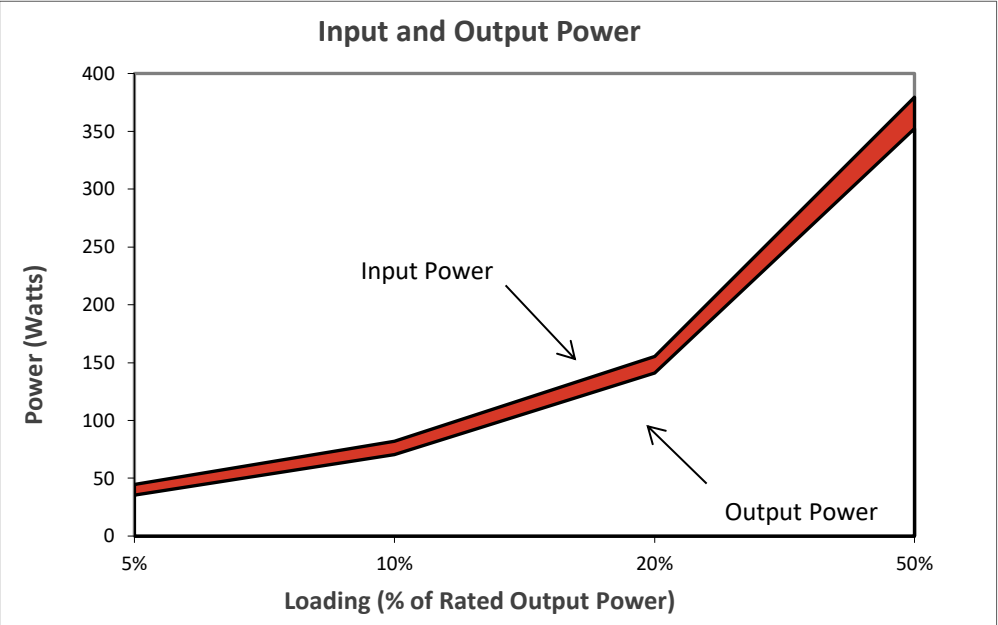
Rated Specifications	Value	Units
Input Voltage	200-240	Volts
Input Current	6	Amps
Input Frequency	50/60	Hz
Rated Output Power	700	Watts

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



Input AC Current Waveform (ITHD = 7.39%, 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		
0.125	0.2367	20.82	0%	6.80	No-Load						
0.298	0.6507	22.28	5%	44.58	12.06/2.47	12.1/0.013	3.35/0.56	5.09/0.56	5.12/0.127	35.24	79.05%
0.426	0.8359	16.07	10%	82.00	12.06/4.93	12.1/0.025	3.34/1.12	5.09/1.12	5.11/0.254	70.48	85.95%
0.725	0.9306	9.99	20%	155.27	12.07/9.86	12.1/0.051	3.34/2.24	5.08/2.24	5.1/0.507	141.01	90.81%
1.686	0.9786	7.39	50%	379.52	12.07/24.64	12.12/0.127	3.32/5.6	5.06/5.6	5.05/1.268	352.32	92.83%
3.400	0.9903	4.15	100%	774.71	12.08/49.28	12.14/0.254	3.3/11.2	5.02/11.2	4.96/2.534	703.88	90.86%



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.
<http://www.80plus.org/>