



Lian Li EG1000G

Serial Number G9PEG1000GBY2446000002

Lab ID LL10002688

Certification ID 252688

Test Result Report ID: 24PS2688A

Certificate Issue Date: Dec 23, 2024

Scheme: ETA-EMI PSU

115V

230V

115V

230V

Scheme: LAMBDA PSU

Outside Validation Scope

General Information

Test Equipment

Electronic Loads	Chroma 63601-5 x2 Chroma 63600-2 Chroma 63640-80-80 x10 Chroma 63610-80-20
AC Sources	Chroma 6530, APM SP300VAC4000W-P, GW Instek ASR-3500
Power Analyzers	Rohde & Schwarz HMC8015 & NPA701
Oscilloscopes	Picoscope 4444, Siglent SDS2104X PLUS
Sound Analyzer	Brueel & Kjaer 2270 G4
Microphone	Brueel & Kjaer Type 4955-A
Temperature Logger	Picoscope TC-08
Tachometer	UNI-T UT372
Multimeters	Keysight 34465A
EMI Analyzer	TekBox TBMR-110M-EU
Isolation Transformer	4kVA
UPS	FSP Champ Tower 3kVA, CyberPower OLS3000E 3kVA
Testing Methodology	Cybenetics PSU Test Protocol

DUT Information(Non-accredited measurements)

Product Identification Details	
Brand	Lian Li
Model	EG1000G
OEM/ODM	Helly Technology
Serial Number	G9PEG1000GBY2446000002
Product Specifications	
Manufacturer-Provided Information	
Rated Voltage (Vrms)	100-240
Rated Current (Arms)	12-6

Rated Frequency (Hz)	50-60
Rated Power (W)	1000
Operating Temperature (Continuous Full Load) (°C)	
Type	ATX12V
Cable Design	Fully Modular
Warranty	-
Cybenetics Measurements	
Dimensions (W x H x D)	
Weight	
Cooling	120mm Fluid Dynamic Bearing Fan (HA1225M12F-Z)
Semi-Passive Operation	✓
Cybenetics Testing Information	
Lab ID	LL10002688
Date of receipt	Dec 9, 2024
Testing Date	Dec 20, 2024
Report Issued Date	Dec 23, 2024
Engineer Name	-
Authorized By the Laboratory Technical Manager	Aristeidis Bitziopoulos
Signature	

Cables and Connectors(Non-accredited measurements)

Modular Cables				
Description	Cable Count	Connector Count (Total)	Gauge	In Cable Capacitors
ATX connector 20+4 pin (625mm)	1	1	16-22AWG	No
4+4 pin EPS12V (745mm)	1	1	18AWG	No
8 pin EPS12V (745mm)	1	1	18AWG	No
6+2 pin PCIe (650mm)	3	3	18AWG	No
6+2 pin PCIe (650mm+100mm)	1	2	18AWG	No
12+4 pin PCIe (650mm) (600W)	1	1	16-26AWG	No
SATA (305mm+15mm+15mm+15mm)	1	4	18AWG	No

SATA (405mm+150mm+150mm+150mm)	1	4	18AWG	No
2x SATA (380mm+150mm)	2	4	18AWG	No
4-pin Molex (510mm+150mm+150mm+150mm)	1	4	18AWG	No
USB2.0 Type A (550mm)	1	1	28/24AWG	No
USB2.0 Header (470mm)	1	1	28AWG	No
4-pin PWM (555mm)	1	1	26AWG	No
AC Power Cord (1380mm) - C13 coupler	1	1	17AWG	-

Protection Features(Manufacturer)

Over Power Protection	✓
Over Current (+12V) Protection	✓
Over Temperature Protection	✓
Short Circuit Protection	✓
Surge Protection	✓
Inrush Current Protection	✓
Fan Failure Protection	✗

Power Specifications

Rail		3.3V	5V	12V	5VSB	-12V
Max. Power	Amps	20	20	83	3	0.3
	Watts	120		996	15	3.6
Total Max. Power (W)		1000				

Parts Description

General Data	
Manufacturer (OEM)	Helly Technology
PCB Type	Double-Sided
Primary Side	
Transient Filter	2x Y caps, 2x X caps, 2x CM chokes, 1x MOV
Inrush Protection	1x NTC Thermistor MF73T-1 20/7 (20 ohm) & Relay

Bridge Rectifier(s)	2x GBU15J (600V, 15A @ 100°C)
APFC MOSFETs	2x Oriental Semiconductor OSG55R140HF (550V, 14.5A @ 100°C, Rds(on): 0.14Ohm)
APFC Boost Diode	1x Sanan SDS065J010C3 (650V, 10A @ 155°C)
Bulk Cap(s)	1x TDK (420V, 820uF, 2,000h @ 105°C, EPCOS)
Main Switchers	2x FuXin Semiconductor FXN45N50T (500V, 16.7A @ 100°C, Rds(on): 0.20Ohm)
Resonant Controller	Champion CM6901T6X
APFC Controller	Champion CM6500UNX
Topology	Primary side: APFC, Half-Bridge & LLC Resonant converter Secondary side: Synchronous Rectification & DC-DC converters
Secondary Side	
+12V MOSFETs	6x Huayi HYG009N04LS1C2 (40V, 233A @ 100°C, Rds(on): 0.96mOhm)
5V & 3.3V	DC-DC Converters: 2x XSEMI XP3NA3R4MT (30V, 46A @ 100°C, Rds(on): 3.4mOhm) & 2x Rectron Semiconductor RMN3N5R0DF (30V, 19.7A @ 70°C, Rds(on): 5mOhm) PWM Controller(s): 2x Anpec APW7073
Filtering Capacitors	Electrolytic: 10x Ltec (2-5,000h @105°C, LXY) 3x Ltec (4-7,000h @105°C, LZG) 1x CS (3,000h @105°C, WE) Polymer: 20x Beryl BC, 4x Chengx (PC)
Supervisor IC	Weltrend WT7527RA (OVD, PGO, UVD, OCD)
Fan Model	Hong Hua HA1225M12F-Z (120mm, 12V, 0.40A, Fluid Dynamic Bearing Fan)
5VSB	
Rectifier(s)	P6SMB (220V, 1A) & 1x Dongke Semiconductor DK5V60R20S
Standby PWM Controller	Excelliance MOS EM8569C

Test Results

Temperature & Compliance Info

Temperature Range (°C /°F)	28-32 / 82.4-89.6
ErP Lot 3/6 Ready	✓
(EU) No 617/2013 Compliance	✓
ALPM (Alternative Low Power Mode) compatible	✓
ATX v3.1 PSU Power Excursion	✓

Performance Summary

115V

Accredited	
Average Efficiency (>1450 load combinations)	89.305%
Average Noise Output (>1450 Load Combinations)	18.96dBA
Average PF (>1450 Load Combinations)	0.990
Efficiency With 10W (≤500W) or 2% (>500W) Load	74.138%
Standby Power Consumption	0.0604W
Non-Accredited	
12V Ripple (Full Load)	34.83mV
5V Ripple (Full Load)	16.32mV
3.3V Ripple (Full Load)	15.74mV
5VSB Ripple (Full Load)	13.50mV
12V Load Regulation	0.13%
5V Load Regulation	0.65%
3.3V Load Regulation	1.34%
5VSB Load Regulation	2.90%
Inrush Current	12.230A

230V

Accredited		
Average Efficiency (>1450 load combinations)		91.673%
Average Noise Output (>1450 Load Combinations)		19.48dBA
Average PF (>1450 Load Combinations)		0.968
Efficiency With 10W ($\leq 500W$) or 2% (>500W) Load		74.678%
Standby Power Consumption		0.0944W
Non-Accredited		
12V Ripple (Full Load)		36.54mV
5V Ripple (Full Load)		15.39mV
3.3V Ripple (Full Load)		14.91mV
5VSB Ripple (Full Load)		11.92mV
12V Load Regulation		0.14%
5V Load Regulation		0.67%
3.3V Load Regulation		1.34%
5VSB Load Regulation		2.92%
Inrush Current		32.830A
12V Transient Response (200%)		11.18V
5V Transient Response (200%)		4.947V
3.3V Transient Response (200%)		3.167V
5VSB Transient Response (200%)		4.956V
Hold-Up Time & PWR_OK Signal		20.10ms
AC Loss to PWR_OK Hold Up Time		17.10ms
PWR_OK Inactive to DC Loss Delay		3.00ms
PSU Timings: T1 (20% / 100%)	70.0ms	70.0ms
PSU Timings: T3 (20% / 100%)	121.0ms	125.0ms
12V OCP (29.2°C / 44.5°C)	102.00A (122.89%), 12.078V	98.60A (118.80%), 12.094V
5V OCP (29.2°C / 44.5°C)	27.1A (135.50%), 5.045V	26.5A (132.50%), 5.045V
3.3V OCP (29.2°C / 44.5°C)	27A (135.00%), 3.285V	26A (130.00%), 3.288V
5VSB OCP (29.2°C / 44.5°C)	3.8A (126.67%), 5.067V	3.8A (126.67%), 5.064V
OPP (30.69°C / 44.78°C)	128.11%	126.31%

Hold-Up Time & PWR_OK Signal

Hold-Up Time (ms)	20.1
AC Loss to PWR_OK Hold Up Time (ms)	17.1
PWR_OK Inactive to DC Loss Delay (ms)	3

Vampire Power

Tables

115V

Detailed Results						
	Average	Min	Limit Min	Max	Limit Max	Result
Mains Voltage RMS:	115.04 V	115.01 V	113.85 V	115.08 V	116.15 V	PASS
Mains Frequency:	60.00 Hz	59.99 Hz	59.40 Hz	60.01 Hz	60.60 Hz	PASS
Mains Voltage CF:	1.416	1.415	1.340	1.418	1.490	PASS
Mains Voltage THD:	0.13 %	0.08 %	N/A	0.19 %	2.00 %	PASS
Real Power:	0.060 W	0.042 W	N/A	0.082 W	N/A	N/A
Apparent Power:	6.730 W	6.523 W	N/A	6.944 W	N/A	N/A
Power Factor:	0.008	N/A	N/A	N/A	N/A	N/A

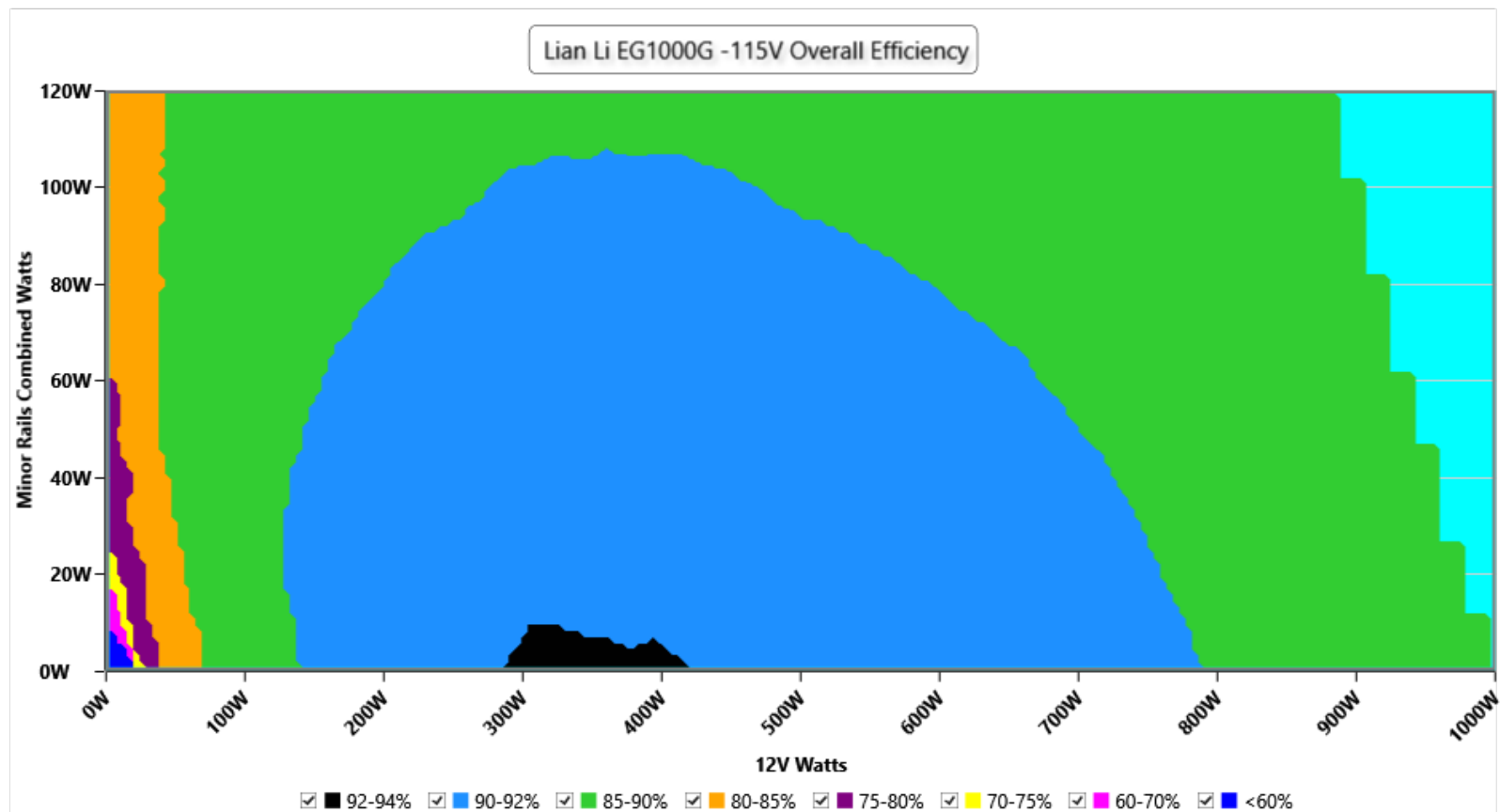
230V

Detailed Results						
	Average	Min	Limit Min	Max	Limit Max	Result
Mains Voltage RMS:	231.00 V	230.89 V	227.70 V	231.06 V	232.30 V	PASS
Mains Frequency:	50.00 Hz	49.99 Hz	49.50 Hz	50.01 Hz	50.50 Hz	PASS
Mains Voltage CF:	1.417	1.416	1.340	1.419	1.490	PASS
Mains Voltage THD:	0.17 %	0.14 %	N/A	0.27 %	2.00 %	PASS
Real Power:	0.094 W	0.058 W	N/A	0.167 W	N/A	N/A
Apparent Power:	22.214 W	21.918 W	N/A	22.534 W	N/A	N/A

Power Factor:	0.004	N/A	N/A	N/A	N/A	N/A
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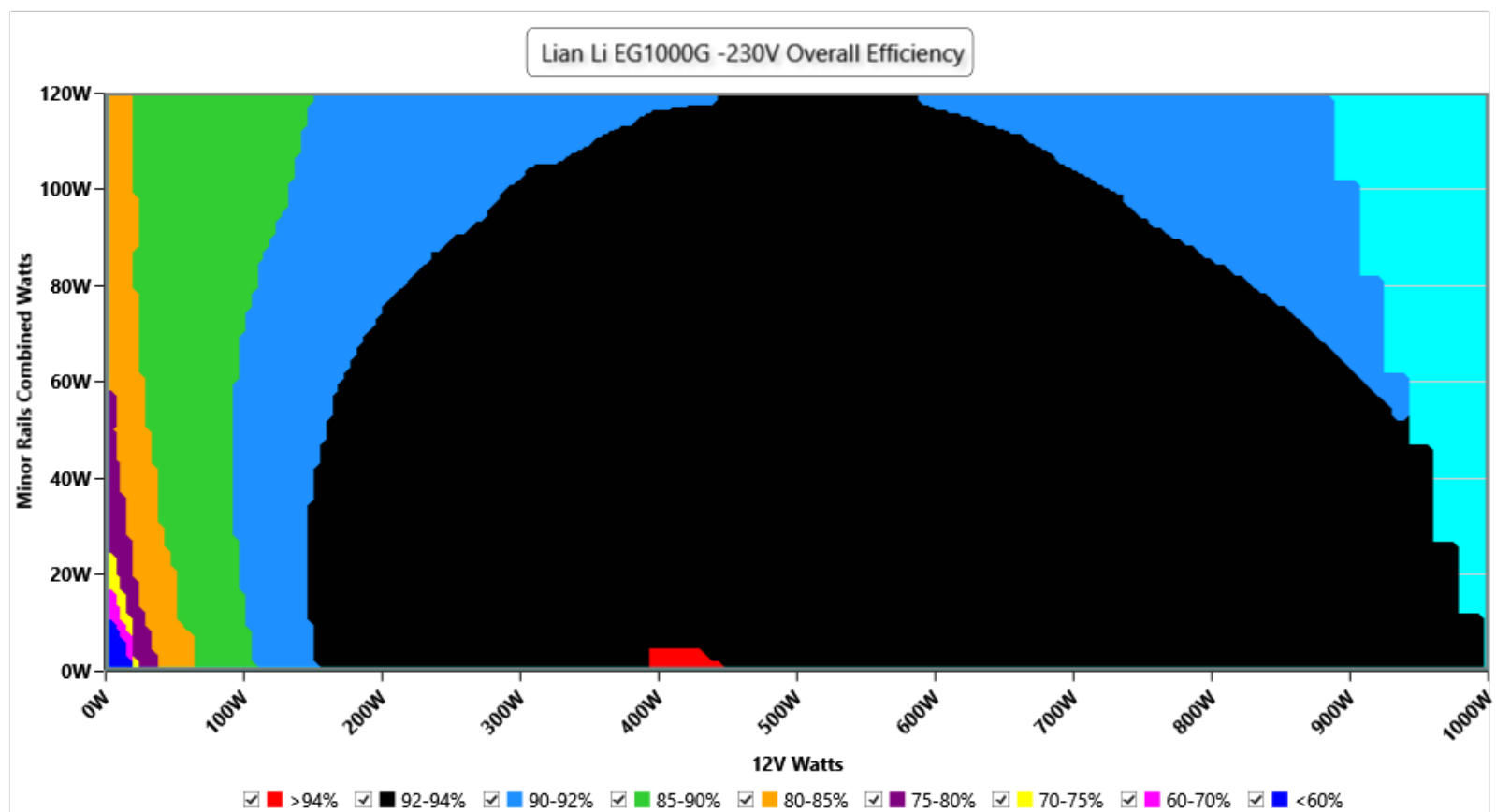
Efficiency Graph

115V



INFO

This graph depicts the PSU's efficiency throughout its entire operational range. For the generation of the efficiency and noise graphs we set our loaders to auto mode through our custom-made software before trying thousands of possible load combinations

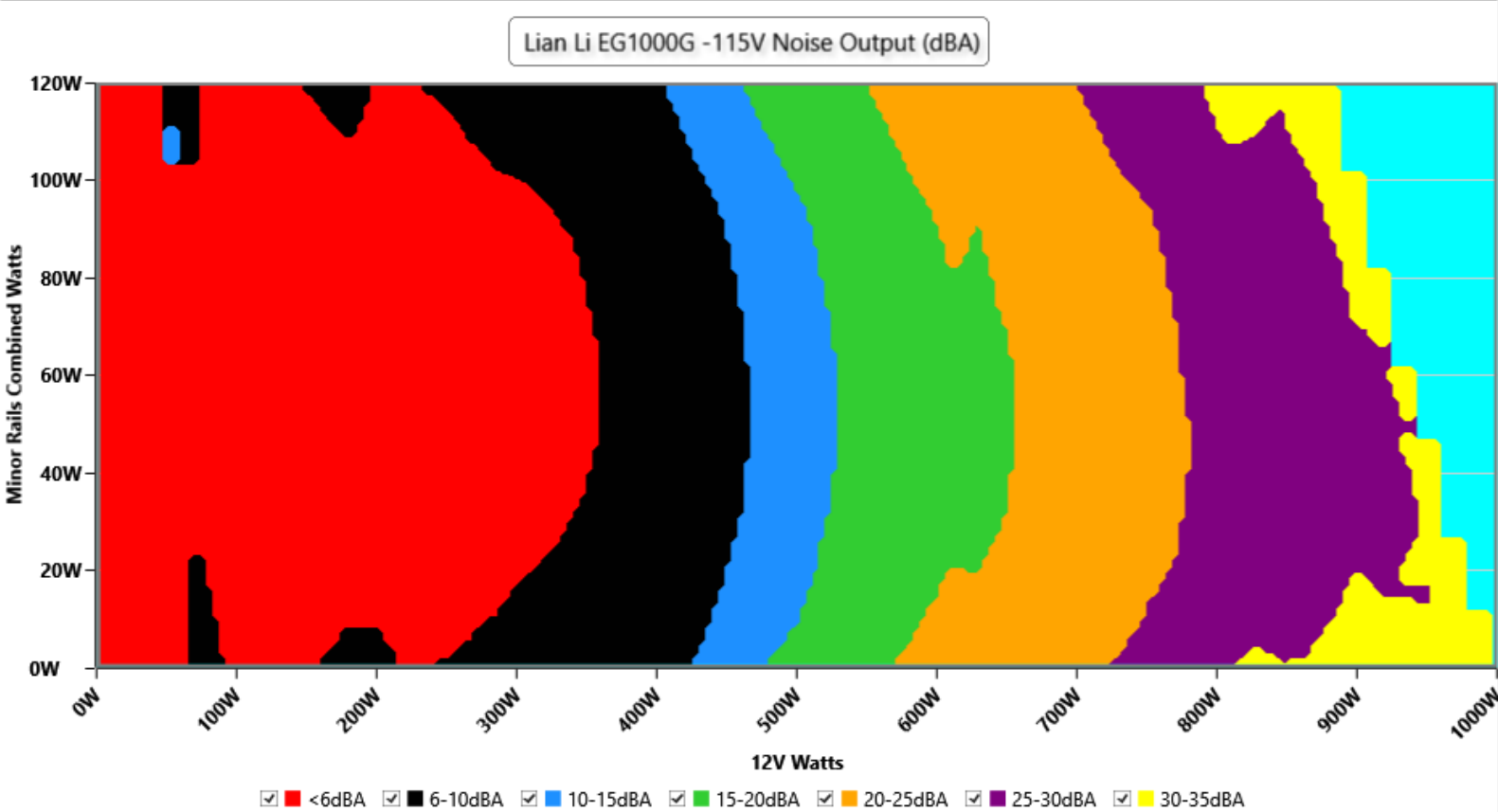


INFO

This graph depicts the PSU's efficiency throughout its entire operational range. For the generation of the efficiency and noise graphs we set our loaders to auto mode through our custom-made software before trying thousands of possible load combinations

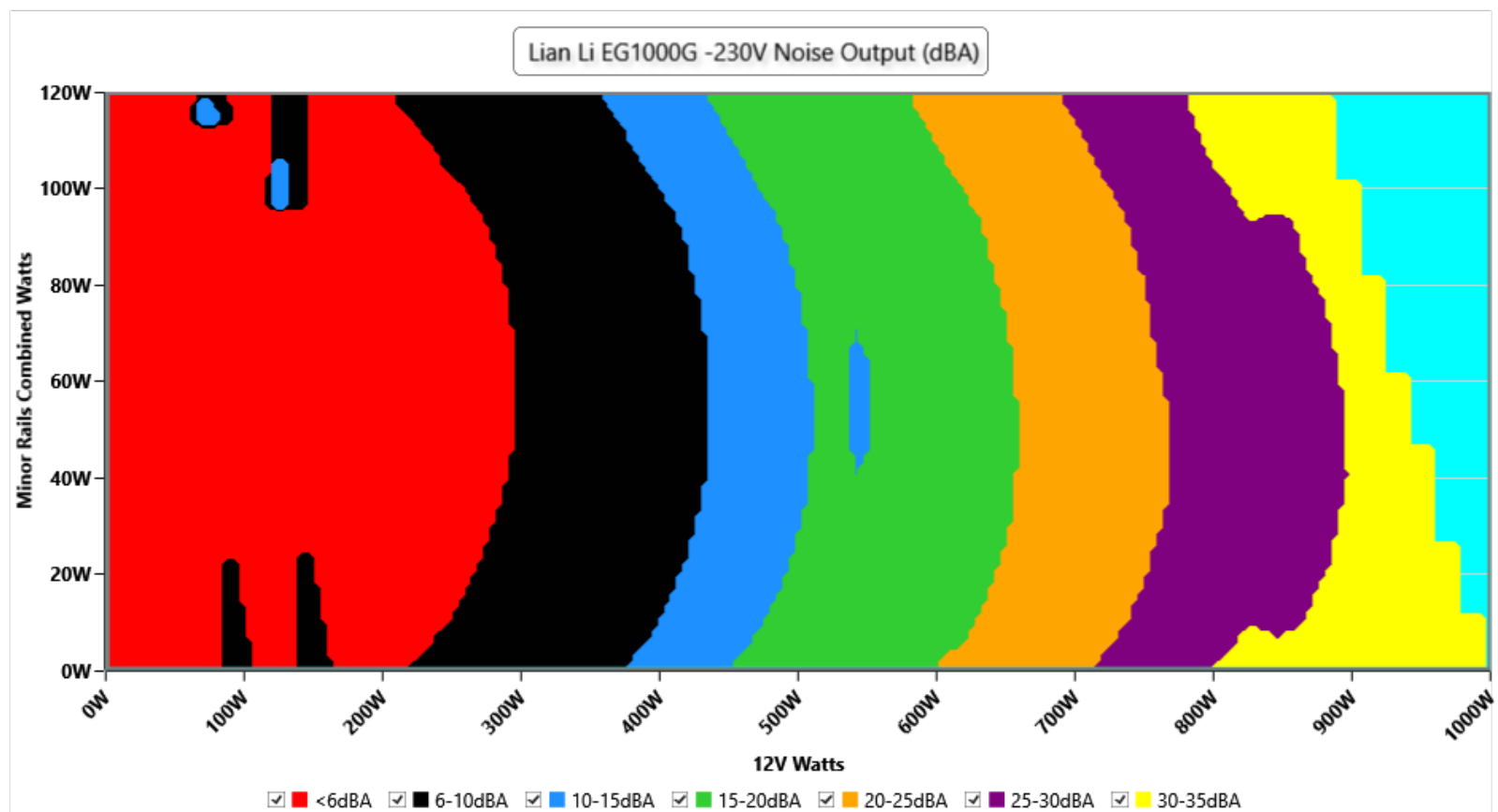
Noise Graph

115V



INFO

The PSU`s noise in its entire operational range and under 30-32 °C ambient is depicted in this graph. The X axis represents the load on the +12V rail(s) while the Y axis is the load on the minor rails



INFO

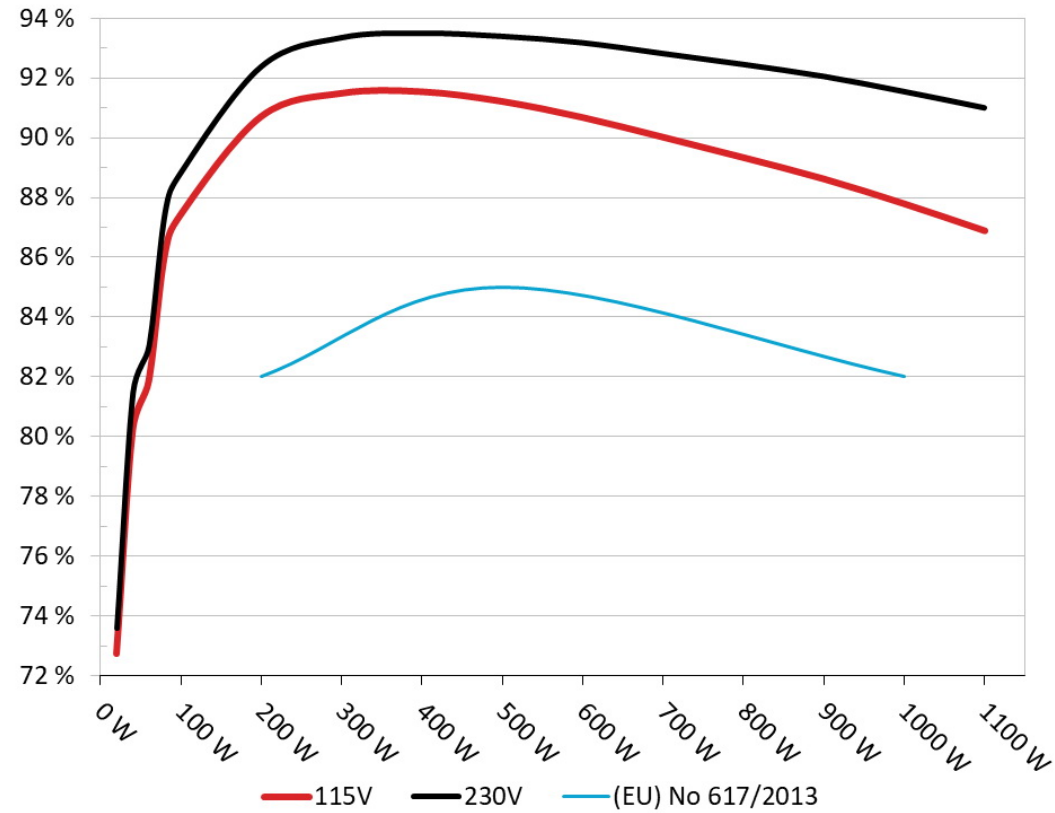
The PSU's noise in its entire operational range and under 30-32 °C ambient is depicted in this graph. The X axis represents the load on the +12V rail(s) while the Y axis is the load on the minor rails

Indicative Performance

Efficiency under high ambient temperature

Efficiency: Lian Li EG1000G

Ambient: 36°C - 47°C (96.8°F - 116.6°F)



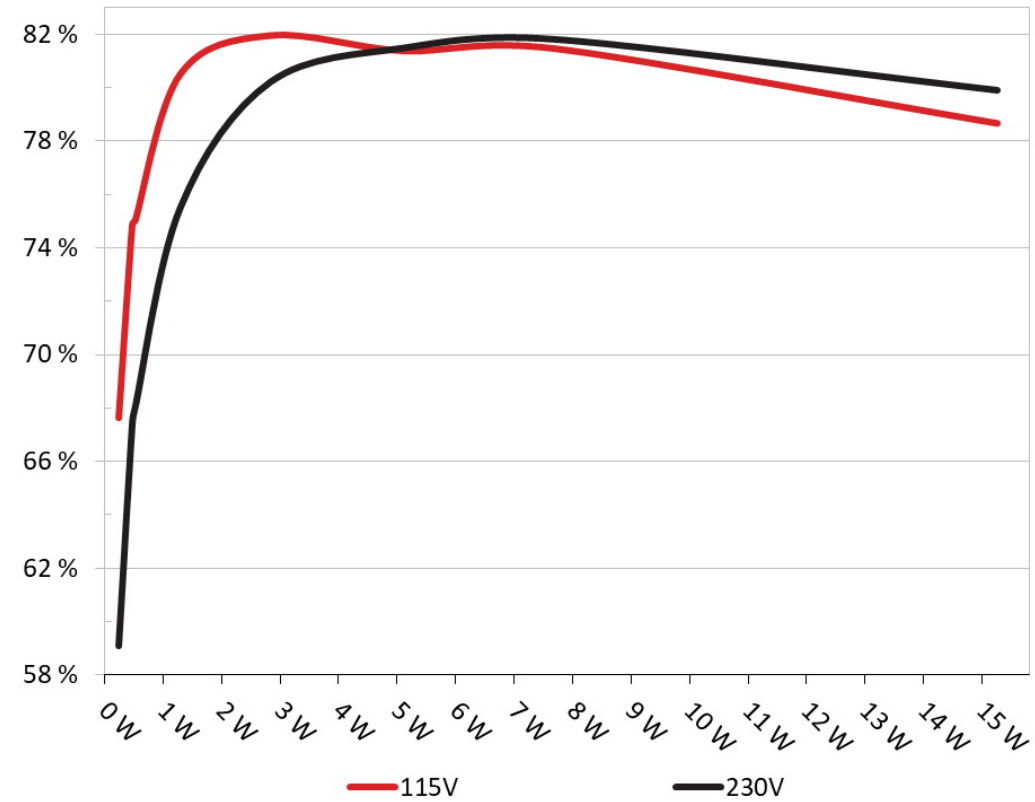
INFO

The PSU's efficiency under high ambient temperatures with 115V and 230V input. For this graph the results of the 10-110% load regulation table are used

5VSB Efficiency

5VSB Efficiency: Lian Li EG1000G

Ambient: 34°C - 36°C (93.2°F - 96.8°F)



INFO

This graph depicts the efficiency levels of the 5VSB rail with 115V and 230V input

5VSB Efficiency (ERP LOT 3/6 & CEC)

115V

Test #	5VSB	DC/AC (Watts)	Efficiency	PF/AC Volts
1	0.045A	0.232W	67.613%	0.048
	5.149V	0.343W		114.87V
2	0.09A	0.463W	74.859%	0.085
	5.148V	0.619W		114.88V
3	0.55A	2.826W	81.96%	0.344
	5.139V	3.448W		114.88V
4	1A	5.129W	81.377%	0.453
	5.129V	6.303W		114.87V
5	1.5A	7.678W	81.472%	0.493
	5.119V	9.424W		114.87V
6	3A	15.261W	78.665%	0.565
	5.087V	19.4W		114.87V

230V

Test #	5VSB	DC/AC (Watts)	Efficiency	PF/AC Volts
1	0.045A	0.232W	59.076%	0.016
	5.149V	0.393W		229.95V
2	0.09A	0.463W	67.381%	0.028
	5.148V	0.687W		229.95V
3	0.55A	2.826W	80.204%	0.136
	5.138V	3.524W		229.95V
4	1A	5.129W	81.488%	0.222
	5.129V	6.294W		229.95V
5	1.5A	7.678W	81.804%	0.293
	5.118V	9.386W		229.95V
6	3A	15.26W	79.895%	0.389
	5.086V	19.1W		229.95V

Protection Features

OCP (Normal @ 29.2°C)	12V: 102.00A (122.89%), 12.078V 5V: 27.1A (135.50%), 5.045V 3.3V: 27A (135.00%), 3.285V 5VSB: 3.8A (126.67%), 5.067V
OCP (Hot @ 44.5°C)	12V: 98.60A (118.80%), 12.094V 5V: 26.5A (132.50%), 5.045V 3.3V: 26A (130.00%), 3.288V 5VSB: 3.8A (126.67%), 5.064V
OPP (Normal @ 30.7°C)	1281.07W (128.11%)
OPP (Hot @ 44.8°C)	1263.08W (126.31%)
OTP	✓ (105°C @ Heat Sink)
SCP	12V to Earth: ✓ 5V to Earth: ✓ 3.3V to Earth: ✓ 5VSB to Earth: ✓ -12V to Earth: ✓
PWR_OK	Proper Operation
NLO	✓
Fan Failure Protection	✗
SIP	Surge: MOV Inrush: NTC & Bypass Relay

Supplementary Tests (For Reference)

Typical Load Tests

115V										
Test	12V	5V	3.3V	5VSB	DC/AC (Watts)	Efficiency	Fan Speed (RPM)	PSU Noise (dB[A])	Temps (In/Out)	PF/AC Volts
10%	6.476A	1.966A	1.981A	0.977A	99.992	87.43%	0	<6.0	48.9°C	0.967
	12.106V	5.087V	3.331V	5.119V	114.369				40.17°C	114.84V

Test	12V	5V	3.3V	5VSB	DC/AC (Watts)	Efficiency	Fan Speed (RPM)	PSU Noise (dB[A])	Temps (In/Out)	PF/AC Volts
20%	13.964A	2.951A	2.977A	1.175A	199.949	90.705%	0	<6.0	44.81°C	0.983
	12.106V	5.083V	3.326V	5.106V	220.445				40.79°C	114.81V
30%	21.808A	3.446A	3.478A	1.374A	300.005	91.481%	696	12.1	41.18°C	0.989
	12.103V	5.079V	3.321V	5.094V	327.914				51.25°C	114.8V
40%	29.615A	3.94A	3.979A	1.574A	399.57	91.534%	818	16.1	41.6°C	0.993
	12.101V	5.077V	3.317V	5.082V	436.524				52.64°C	114.75V
50%	37.091A	4.929A	4.981A	1.776A	499.289	91.209%	1004	21.6	42.48°C	0.995
	12.100V	5.073V	3.313V	5.069V	547.409				54.22°C	114.71V
60%	44.635A	5.918A	5.986A	1.978A	599.806	90.671%	1173	23.5	42.78°C	0.996
	12.098V	5.07V	3.308V	5.055V	661.524				55.2°C	114.67V
70%	52.123A	6.91A	6.994A	2.182A	699.535	90.014%	1367	30.7	43.1°C	0.996
	12.095V	5.066V	3.303V	5.042V	777.144				55.84°C	114.63V
80%	59.672A	7.901A	8.004A	2.286A	799.537	89.331%	1526	33.4	43.71°C	0.997
	12.094V	5.063V	3.298V	5.031V	895.033				57.5°C	114.59V
90%	67.552A	8.4A	8.498A	2.39A	899.332	88.619%	1682	36.1	44.22°C	0.997
	12.093V	5.059V	3.294V	5.021V	1014.838				59.25°C	114.55V
100%	75.237A	8.898A	9.025A	3.001A	999.334	87.787%	1744	37.1	45.62°C	0.997
	12.091V	5.057V	3.29V	4.999V	1138.356				61.55°C	114.51V
110%	82.846A	9.893A	10.134A	3.007A	1099.955	86.882%	1754	37.2	46.91°C	0.998
	12.090V	5.054V	3.286V	4.989V	1266.043				65.62°C	114.46V
CL1	0.116A	14.255A	14.417A	0A	121.292	81.976%	1002	21.6	41.77°C	0.975
	12.106V	5.065V	3.308V	5.118V	147.981				50.23°C	114.83V
CL2	0.114A	19.768A	0A	0A	101.379	80.648%	933	19.4	41.74°C	0.97
	12.111V	5.058V	3.333V	5.13V	125.707				48.99°C	114.84V
CL4	82.711A	0A	0A	0A	999.919	88.689%	1722	37.1	45.6°C	0.997
	12.089V	5.073V	3.306V	5.079V	1127.44				59.39°C	114.51V

The results above are not used in the certification process

230V

Test	12V	5V	3.3V	5VSB	DC/AC (Watts)	Efficiency	Fan Speed (RPM)	PSU Noise (dB[A])	Temps (In/Out)	PF/AC Volts
10%	6.476A	1.966A	1.982A	0.977A	100.003	88.845%	0	<6.0	45.07°C	0.885
	12.106V	5.086V	3.33V	5.119V	112.559				40.15°C	229.94V
20%	13.965A	2.953A	2.978A	1.175A	199.958	92.38%	607	8.4	40.57°C	0.95
	12.106V	5.081V	3.324V	5.106V	216.448				46.19°C	229.91V
30%	21.810A	3.446A	3.479A	1.374A	300.009	93.338%	685	12.9	41.17°C	0.969
	12.102V	5.079V	3.32V	5.094V	321.423				47.94°C	229.9V
40%	29.615A	3.94A	3.98A	1.575A	399.575	93.483%	848	17	41.68°C	0.977
	12.101V	5.077V	3.317V	5.081V	427.431				49.35°C	229.89V
50%	37.092A	4.929A	4.982A	1.776A	499.293	93.382%	984	22.7	42.2°C	0.982
	12.099V	5.073V	3.312V	5.068V	534.68				50.06°C	229.87V
60%	44.639A	5.919A	5.988A	1.978A	599.81	93.164%	1214	27	42.77°C	0.985
	12.097V	5.07V	3.307V	5.055V	643.822				52.08°C	229.86V
70%	52.121A	6.91A	6.996A	2.182A	699.541	92.807%	1399	31.1	43.35°C	0.987
	12.095V	5.066V	3.303V	5.042V	753.762				52.29°C	229.84V
80%	59.677A	7.902A	8.005A	2.286A	799.539	92.442%	1514	33.1	43.89°C	0.989
	12.093V	5.062V	3.297V	5.03V	864.908				52.87°C	229.82V
90%	67.562A	8.401A	8.501A	2.391A	899.346	92.045%	1675	36	44.19°C	0.99
	12.091V	5.059V	3.294V	5.02V	977.076				54.02°C	229.81V
100%	75.242A	8.9A	9.028A	3.002A	999.347	91.538%	1749	37.2	45.87°C	0.99
	12.090V	5.056V	3.29V	4.998V	1091.737				56.86°C	229.79V
110%	82.853A	9.895A	10.136A	3.008A	1099.951	90.992%	1755	37.2	46.11°C	0.991
	12.090V	5.053V	3.285V	4.988V	1208.85				58.49°C	229.77V
CL1	0.116A	14.261A	14.42A	0A	121.299	83.208%	1072	23.5	41.75°C	0.919
	12.108V	5.062V	3.308V	5.117V	145.778				48°C	229.94V
CL2	0.116A	19.772A	0A	0A	101.387	82.22%	955	20.2	41.92°C	0.899
	12.111V	5.057V	3.332V	5.13V	123.308				47.53°C	229.94V
CL4	82.716A	0A	0A	0A	999.942	92.278%	1740	37.1	45.22°C	0.99
	12.089V	5.073V	3.306V	5.079V	1083.618				54.71°C	229.79V

The results above are not used in the certification process

Light Load Tests

115V

Test	12V	5V	3.3V	5VSB	DC/AC (Watts)	Efficiency	Fan Speed (RPM)	PSU Noise (dB[A])	Temps (In/Out)	PF/AC Volts
20W	1.228A	0.491A	0.495A	0.194A	19.996	72.737%	0	<6.0	44.66°C	0.84
	12.095V	5.09V	3.334V	5.144V	27.49				36.64°C	114.87V
40W	2.702A	0.688A	0.693A	0.292A	39.997	80.204%	0	<6.0	44.83°C	0.918
	12.098V	5.09V	3.333V	5.14V	49.865				37.15°C	114.86V
60W	4.176A	0.884A	0.891A	0.389A	59.997	81.849%	0	<6.0	45.86°C	0.947
	12.102V	5.089V	3.333V	5.136V	73.301				38.02°C	114.86V
80W	5.643A	1.081A	1.089A	0.487A	79.94	86.076%	0	<6.0	48.02°C	0.957
	12.105V	5.089V	3.332V	5.132V	92.87				39.36°C	114.86V

The results above are not used in the certification process

230V

Test	12V	5V	3.3V	5VSB	DC/AC (Watts)	Efficiency	Fan Speed (RPM)	PSU Noise (dB[A])	Temps (In/Out)	PF/AC Volts
20W	1.228A	0.491A	0.495A	0.194A	20.003	73.599%	0	<6.0	40.96°C	0.509
	12.099V	5.09V	3.334V	5.144V	27.179				36.18°C	229.95V
40W	2.702A	0.688A	0.693A	0.292A	40.002	81.474%	0	<6.0	43.14°C	0.701
	12.101V	5.089V	3.333V	5.14V	49.099				37.86°C	229.94V
60W	4.174A	0.884A	0.891A	0.389A	60.002	83.033%	0	<6.0	43.45°C	0.806
	12.104V	5.089V	3.332V	5.136V	72.263				38.37°C	229.94V
80W	5.643A	1.081A	1.089A	0.487A	79.948	87.496%	0	<6.0	44.2°C	0.853
	12.106V	5.088V	3.332V	5.132V	91.373				39.37°C	229.94V

The results above are not used in the certification process

Ripple Measurements

115V

Test	12V	5V	3.3V	5VSB	Pass/Fail
10% Load	45.3 mV	16.7 mV	12.8 mV	10.0 mV	Pass
20% Load	27.1 mV	9.7 mV	9.7 mV	8.1 mV	Pass
30% Load	17.9 mV	10.4 mV	10.1 mV	9.0 mV	Pass
40% Load	22.0 mV	12.6 mV	12.6 mV	10.1 mV	Pass
50% Load	20.7 mV	12.6 mV	12.6 mV	10.4 mV	Pass
60% Load	20.0 mV	12.4 mV	11.8 mV	10.0 mV	Pass
70% Load	22.7 mV	13.6 mV	12.4 mV	11.5 mV	Pass
80% Load	21.8 mV	13.2 mV	13.4 mV	10.8 mV	Pass
90% Load	22.8 mV	14.2 mV	13.9 mV	11.4 mV	Pass
100% Load	34.8 mV	16.3 mV	15.7 mV	13.5 mV	Pass
110% Load	36.4 mV	15.8 mV	15.2 mV	13.3 mV	Pass
Crossload 1	30.7 mV	16.6 mV	17.0 mV	24.4 mV	Pass
Crossload 2	36.1 mV	16.6 mV	13.0 mV	19.9 mV	Pass
Crossload 4	34.6 mV	15.2 mV	13.4 mV	23.6 mV	Pass

The results above are not used in the certification process

230V

Test	12V	5V	3.3V	5VSB	Pass/Fail
10% Load	44.9 mV	16.4 mV	13.4 mV	10.7 mV	Pass
20% Load	29.3 mV	10.0 mV	10.1 mV	8.4 mV	Pass
30% Load	24.0 mV	13.5 mV	12.1 mV	10.2 mV	Pass
40% Load	22.7 mV	13.6 mV	12.0 mV	9.9 mV	Pass
50% Load	21.6 mV	12.9 mV	13.9 mV	10.2 mV	Pass
60% Load	20.8 mV	12.9 mV	12.7 mV	10.7 mV	Pass
70% Load	21.8 mV	13.6 mV	12.7 mV	10.7 mV	Pass

Test	12V	5V	3.3V	5VSB	Pass/Fail
80% Load	21.2 mV	13.9 mV	14.1 mV	10.7 mV	Pass
90% Load	22.6 mV	15.0 mV	14.2 mV	10.5 mV	Pass
100% Load	36.5 mV	15.4 mV	14.9 mV	11.9 mV	Pass
110% Load	36.9 mV	15.8 mV	15.9 mV	12.2 mV	Pass
Crossload 1	30.8 mV	16.6 mV	16.0 mV	24.3 mV	Pass
Crossload 2	36.1 mV	16.4 mV	13.0 mV	19.8 mV	Pass
Crossload 4	36.0 mV	14.9 mV	14.0 mV	22.3 mV	Pass

The results above are not used in the certification process

Lian Li EG1000G



Top side

All data and graphs included in this test report can be used by any individual on the following conditions:

- › It should be mentioned that the test results are provided by Cybenetics
- › The link to the original test results document should be provided in any case

CYBENETICS LTD Syrou 6, Latsia, 2231, Nicosia Cyprus



Power specifications label

Cybenetics runs voluntary certification programs for power supplies - ETA for efficiency, LAMBDA for noise and SAFE for safety and correct operation - and for cooling products, with DELTA for chassis soundproofing and PHI for fan airflow and static pressure. THETA rates cooler performance on AMD AM5 and Intel LGA1851 outside ISO 17065 and accreditation scope

www.cybenetics.com - info@cybenetics.com