CPS PCCooler SU1350

Serial Number -

Lab ID PL13503261

Certification ID 263261

Test Result Report ID: 26PS3261A

Certificate Issue Date: May 15, 2026

Scheme: ETA-EMI PSU

115V



230V



Scheme: LAMBDA PSU

115V



230V





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	Bruel & Kjaer 2270 G4
Microphone	Bruel & 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	CPS PCCooler
Model	SU1350
OEM/ODM	CE-Link
Serial Number	-
Product Specifications	
Manufacturer-Provided Information	
Rated Voltage (Vrms)	100-240
Rated Current (Arms)	10-15

Rated Frequency (Hz)	50-60
Rated Power (W)	1350
Operating Temperature (Continuous Full Load) (°C)	10 - 43
Type	ATX12V
Cable Design	Fully Modular
Warranty	No Info
Cybenetics Measurements	
Dimensions (W x H x D)	150 x 85 x 165mm
Weight	2.47 kg (5.45 lb)
Cooling	135mm Fluid Dynamic Bearing Fan (HA13525H12F-Z)
Semi-Passive Operation	✓ (selectable)
Cybenetics Testing Information	
Lab ID	PL13503261
Date of receipt	Mar 30, 2026
Testing Date	May 12, 2026
Report Issued Date	May 15, 2026
DUT Notes	• Hold-up time re-checked on 2026-11-02: the lowest hold-up of all captures was logged (19.90 ms; AC loss to PWR_OK 16.70 ms; PWR_OK inactive to DC loss 3.20 ms).
Engineer Name	Ioannis Kalyviotis
Authorized By the Laboratory Technical Manager	Aristeidis Bitziopoulos
Signature	

Cables and Connectors(Non-accredited measurements)

Modular Cables				
Description	**Cable Count**	**Connector Count (Total)**	**Gauge**	**Cable Type**
ATX connector 20+4 pin (600mm)	1	1	16-22AWG	Tinned Copper
4+4 pin EPS12V (750mm)	2	2	18AWG	Tinned Copper
6+2 pin PCIe (600mm)	6	6	16-18AWG	Tinned Copper
12+4 pin PCIe (600mm) (600W)	2	2	16-24AWG	Tinned Copper
SATA (590mm+150mm+150mm)	3	9	18AWG	Tinned Copper
SATA (590mm+150mm) / 4-pin Molex (+150mm)	2	4 / 2	18AWG	Tinned Copper

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	25	25	112.5	6	0.5
	Watts	150		1350	30	6
Total Max. Power (W)		1350				

Parts Description

General Data	
Manufacturer (OEM)	CE-Link
PCB Type	Double-Sided
Primary Side	
Transient Filter	4x Y caps, 2x X caps, 2x CM chokes, 1x MOV
Inrush Protection	NTC Thermistor MF72 5-D15 (5 Ohm @ 25°C) & Relay
Bridge Rectifier	10x Nexperia GS10M (1000V, 10A @ 100°C)
APFC MOSFETs	4x Shenzhen Xinliwei Electronics XLW C80R095X (800V, 40A @ 25°C, Rds(on): 0.095 Ohm)
APFC Boost Diode	2x Global Power Technology G4S06515AT (650V, 15A @ 143°C)
Bulk Cap(s)	1x Nippon Chemi-con (450V, 680uF, 2000h @ 105°C, KMZ) 1x Nippon Chemi-con (400V, 820uF, 2000h @ 105°C, KMW)
Main Switchers	4x Reactor Micro RMC60R090FDB (600V, 40A @ 25°C, Rds(on): 0.090 Ohm)
APFC Controller	Champion CM6500UNX & Champion CM03AX (reducing no load consumption)

Resonant Controller	Champion CM6901T6X
IC Driver	2x Novosense Microelectronics NSi6602BD
Topology	Primary side: APFC, Full-Bridge & LLC Resonant Converter Secondary side: [12V] Synchronous Rectification & [Minor Rails] DC-DC converters
Secondary Side	
+12V MOSFETs	8x Infineon BSC014N04LS (40V, 145A @ 100°C, Rds(on): 1.4 mOhm)
5V & 3.3V	DC-DC Converters: 5x Vergiga Semiconductor VS3610GPMT (30V, 72A @ 100°C, Rds(on): 3.3 mOhm) 1x Vergiga Semiconductor VSP007N04MS-G (40V, 50A @ 100°C, Rds(on): 4.3 mOhm) PWM Controller(s): Anpec APW7159C
Filtering Capacitors	Electrolytic: 1x Nichicon (10.000h @ 105°C, HW) 2x Rubycon (4~10.000h @ 105°C, YXF) 1x Nippon Chemi-con (5~6.000h @ 105°C, KZH) 1x Nippon Chemi-con (5~6.000h @ 105°C, LE) Polymer: 26x Nippon Chemi-con, 38x TEAPO
Supervisor IC	Grenergy GR8329E (OVP, UVP, OCP, PG)
Fan Controller / Micro Controller	Unisonic Technologies UTC393
Fan Model	Hong Hua HA13525H12F-Z (135mm, 12V, 0.50A, Fluid Dynamic Bearing Fan)
5VSB Circuit	
Rectifier	AS 60R025N (60V)
Standby PWM Controller	Meraki Integrated MK2787

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)	91.873%
Average Noise Output (>1450 Load Combinations)	29.76dBA
Average PF (>1450 Load Combinations)	0.989
Efficiency With 10W (≤500W) or 2% (>500W) Load	71.142%
Standby Power Consumption	0.0645W
Non-Accredited	
12V Ripple (Full Load)	30.38mV
5V Ripple (Full Load)	20.63mV
3.3V Ripple (Full Load)	24.16mV
5VSB Ripple (Full Load)	19.75mV
12V Load Regulation	0.17%
5V Load Regulation	0.50%
3.3V Load Regulation	0.70%
5VSB Load Regulation	1.44%
Inrush Current	34.810A

230V

Accredited	
Average Efficiency (>1450 load combinations)	93.708%
Average Noise Output (>1450 Load Combinations)	28.03dBA
Average PF (>1450 Load Combinations)	0.963
Efficiency With 10W (≤500W) or 2% (>500W) Load	70.940%
Standby Power Consumption	0.1617W
Non-Accredited	
12V Ripple (Full Load)	28.95mV
5V Ripple (Full Load)	19.76mV
3.3V Ripple (Full Load)	24.01mV

5VSB Ripple (Full Load)		18.73mV
12V Load Regulation		0.23%
5V Load Regulation		0.54%
3.3V Load Regulation		0.70%
5VSB Load Regulation		1.46%
Inrush Current		87.160A
12V Transient Response (200%)		11.53V
5V Transient Response (200%)		4.888V
3.3V Transient Response (200%)		3.185V
5VSB Transient Response (200%)		4.964V
Hold-Up Time & PWR_OK Signal		19.90ms
AC Loss to PWR_OK Hold Up Time		16.70ms
PWR_OK Inactive to DC Loss Delay		3.20ms
PSU Timings: T1 (20% / 100%)	98.0ms	100.0ms
PSU Timings: T3 (20% / 100%)	117.0ms	118.0ms
12V OCP (28.6°C / 43.4°C)	154.60A (137.42%), 12.024V	152.60A (135.64%), 12.034V
5V OCP (28.6°C / 43.4°C)	31.3A (125.20%), 4.984V	31.4A (125.60%), 4.983V
3.3V OCP (28.6°C / 43.4°C)	30.2A (120.80%), 3.273V	30.6A (122.40%), 3.273V
5VSB OCP (28.6°C / 43.4°C)	9A (150.00%), 4.715V	7.9A (131.67%), 4.745V
OPP (30.55°C / 43.01°C)	136.67%	133.83%

Hold-Up Time & PWR_OK Signal

Hold-Up Time (ms)	19.9
AC Loss to PWR_OK Hold Up Time (ms)	16.7
PWR_OK Inactive to DC Loss Delay (ms)	3.2

Stromverbrauch im Ruhezustand

Tables

115V

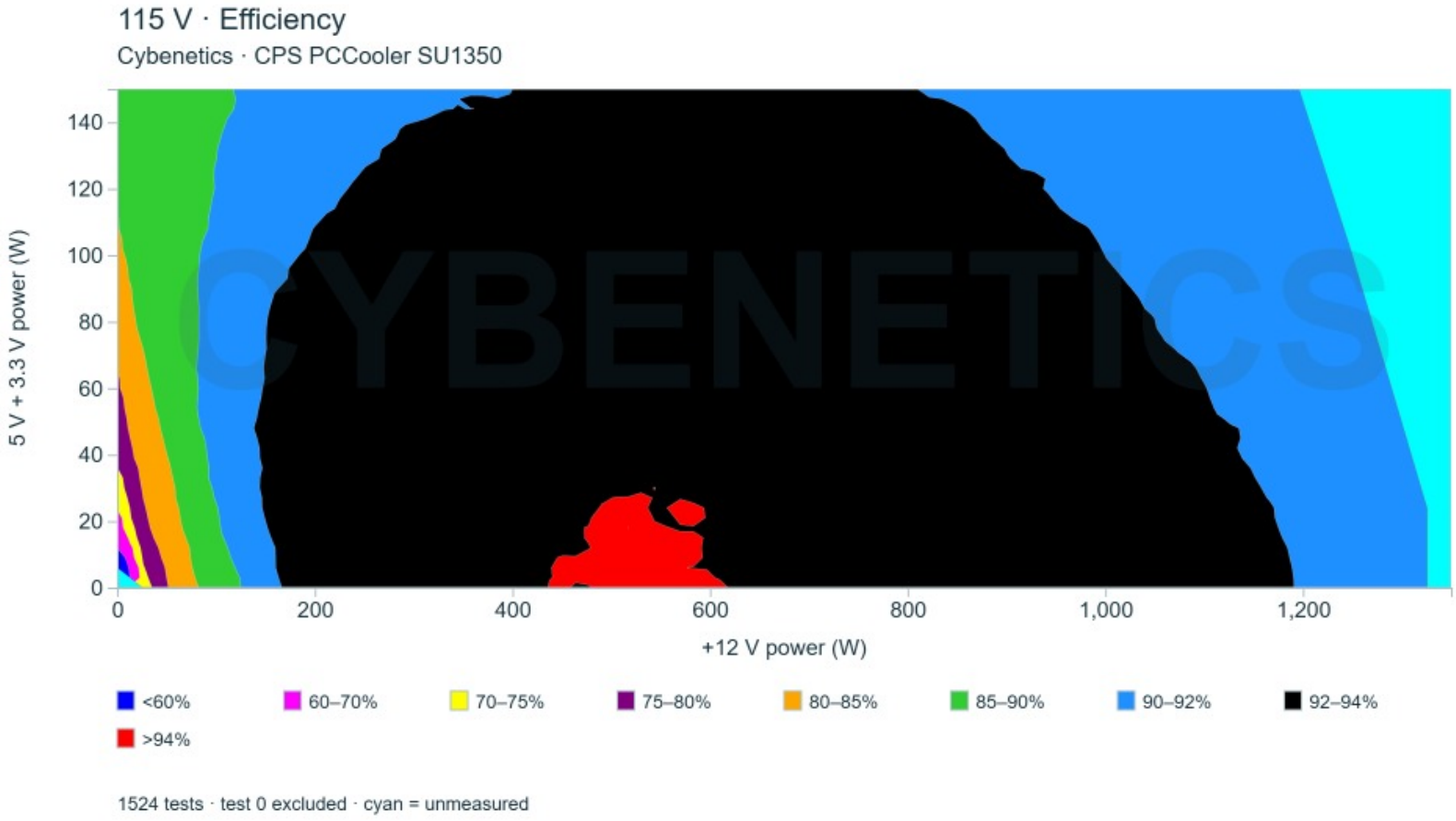
Detailed Results						
	Average	Min	Limit Min	Max	Limit Max	Result
Mains Voltage RMS:	115.03 V	115.01 V	113.85 V	115.06 V	116.15 V	PASS
Mains Frequency:	60.00 Hz	59.99 Hz	59.40 Hz	60.01 Hz	60.60 Hz	PASS
Mains Voltage CF:	1.416	1.415	1.340	1.416	1.490	PASS
Mains Voltage THD:	0.13 %	0.09 %	N/A	0.18 %	2.00 %	PASS
Real Power:	0.064 W	0.040 W	N/A	0.092 W	N/A	N/A
Apparent Power:	16.276 W	16.253 W	N/A	16.302 W	N/A	N/A
Power Factor:	0.004	N/A	N/A	N/A	N/A	N/A

230V

Detailed Results						
	Average	Min	Limit Min	Max	Limit Max	Result
Mains Voltage RMS:	230.10 V	230.05 V	227.70 V	230.11 V	232.30 V	PASS
Mains Frequency:	50.00 Hz	50.00 Hz	49.50 Hz	50.00 Hz	50.50 Hz	PASS
Mains Voltage CF:	1.415	1.415	1.340	1.416	1.490	PASS
Mains Voltage THD:	0.14 %	0.13 %	N/A	0.16 %	2.00 %	PASS
Real Power:	0.162 W	0.108 W	N/A	0.284 W	N/A	N/A
Apparent Power:	53.982 W	53.942 W	N/A	54.016 W	N/A	N/A
Power Factor:	0.003	N/A	N/A	N/A	N/A	N/A

Efficiency Graph

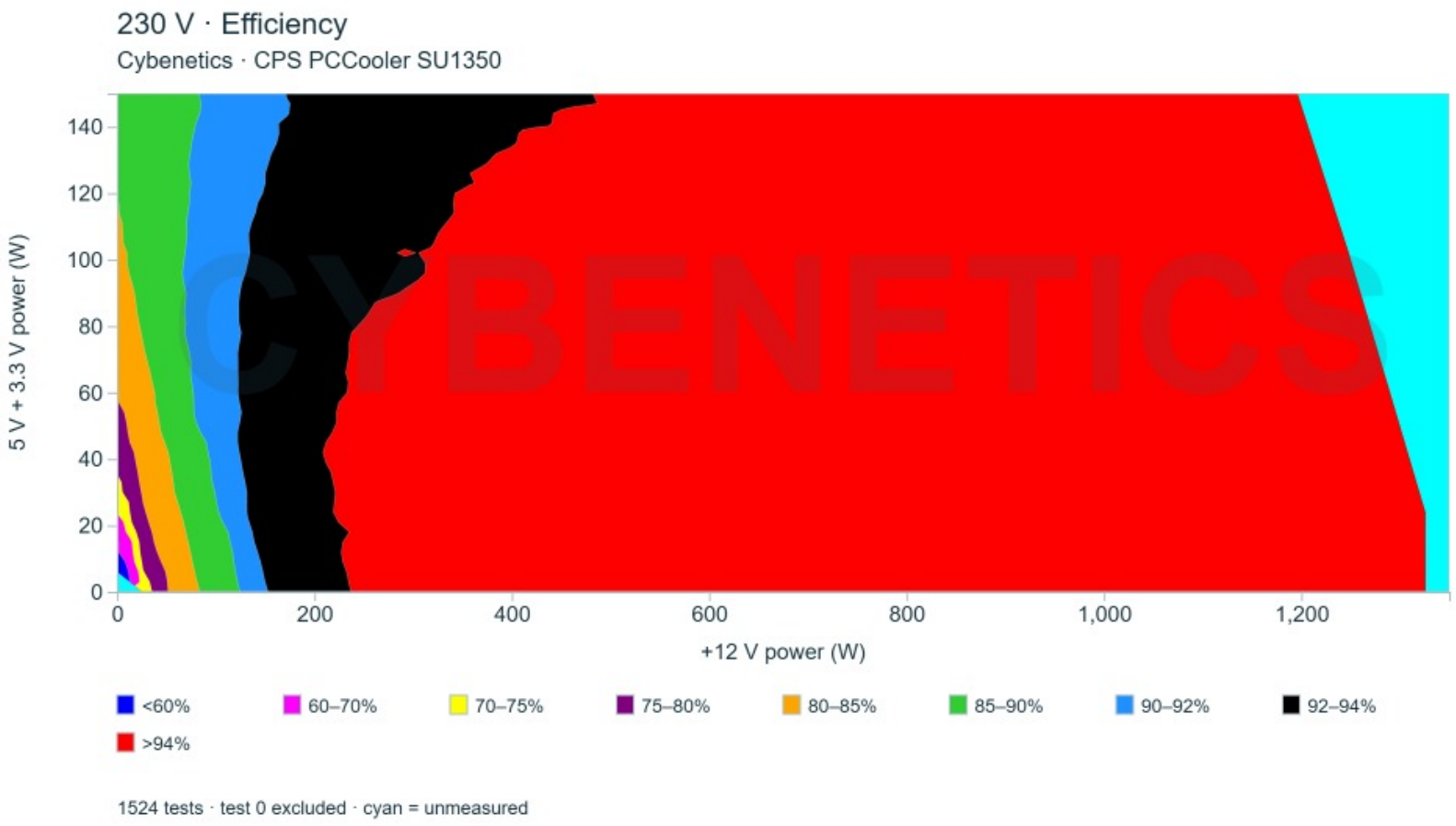
115V



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

230V

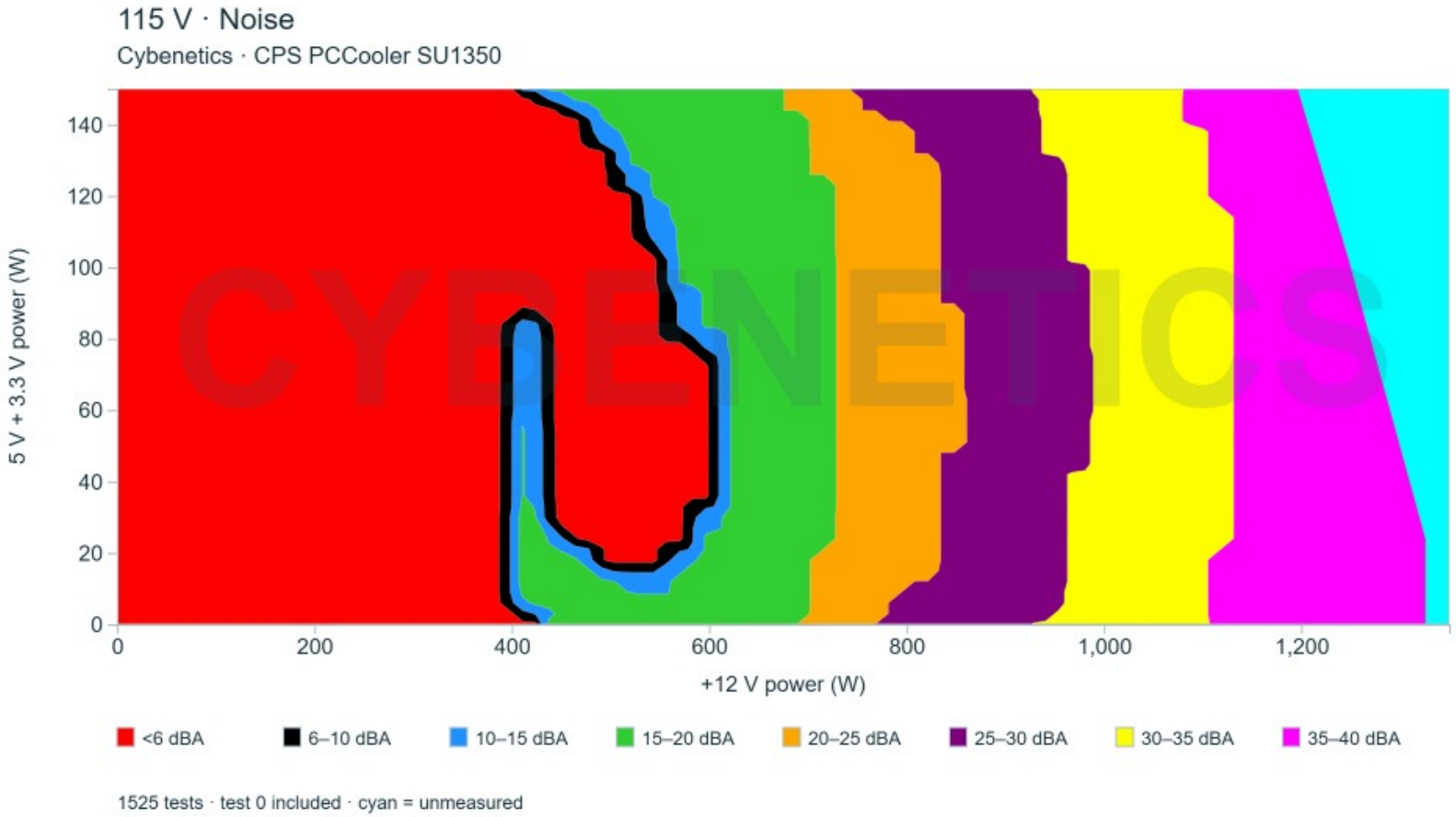


INFO

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

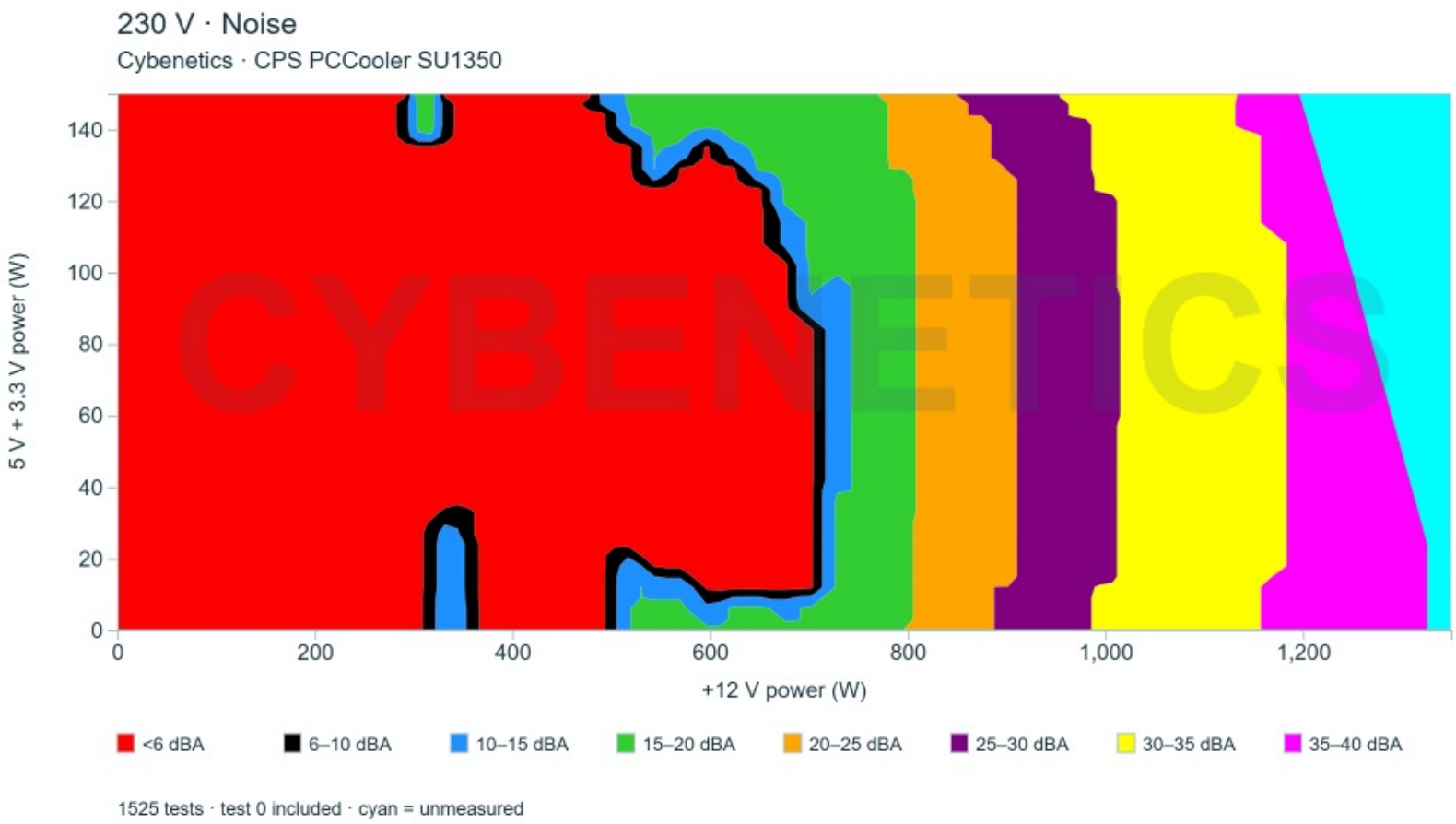
115V



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

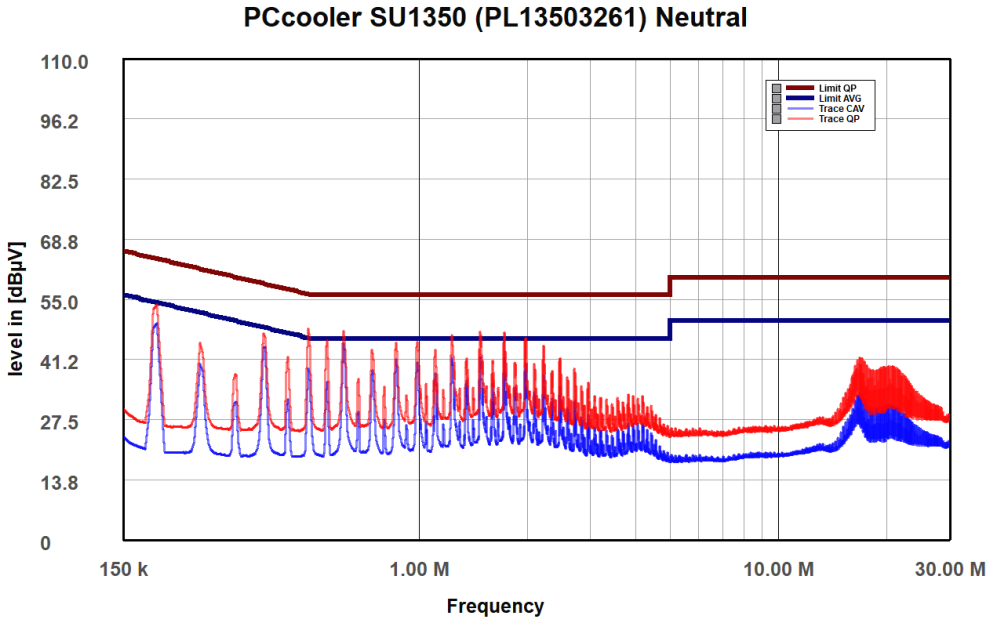
230V



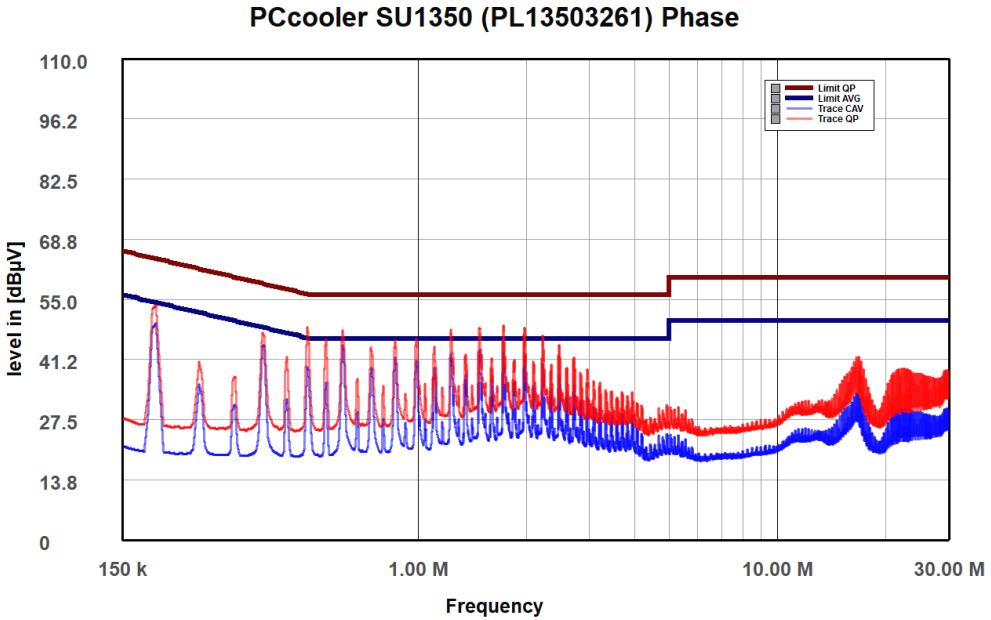
INFO

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

Conducted Emissions EN 55032 & CISPR 32



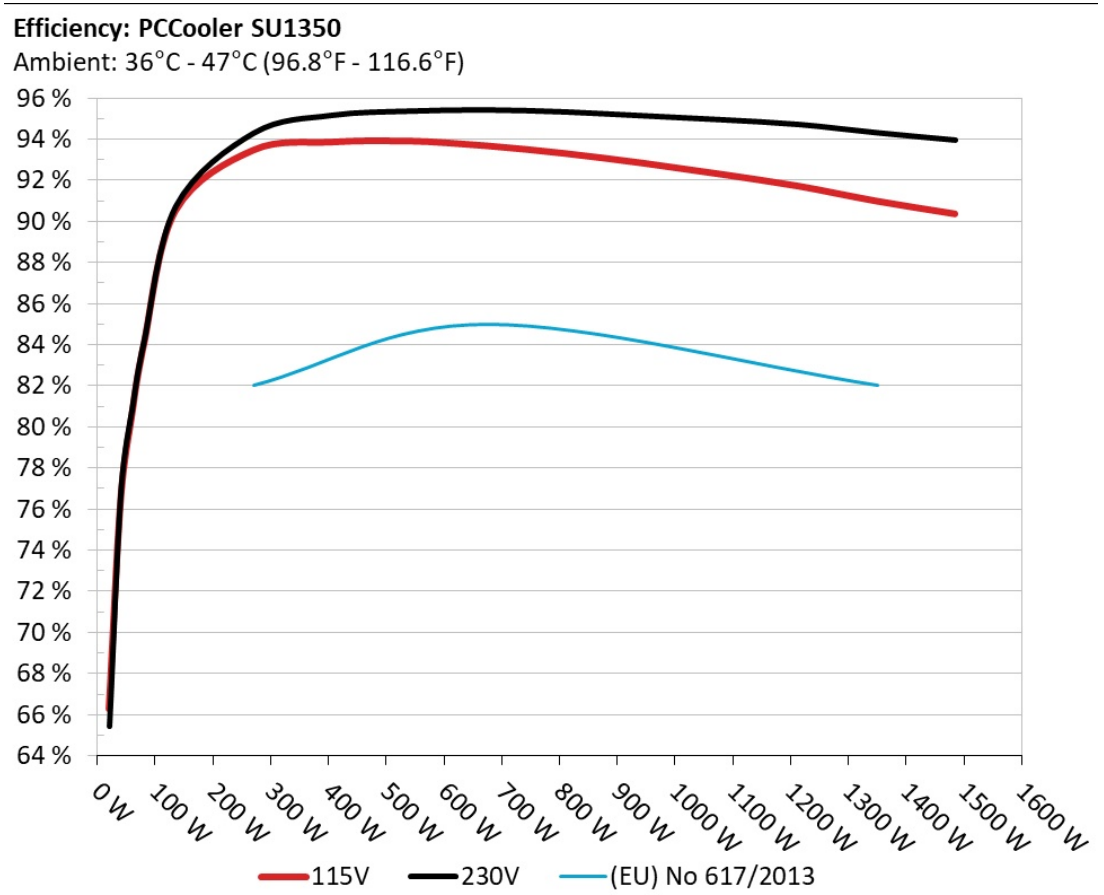
NEUTRAL



PHASE

Indicative Performance

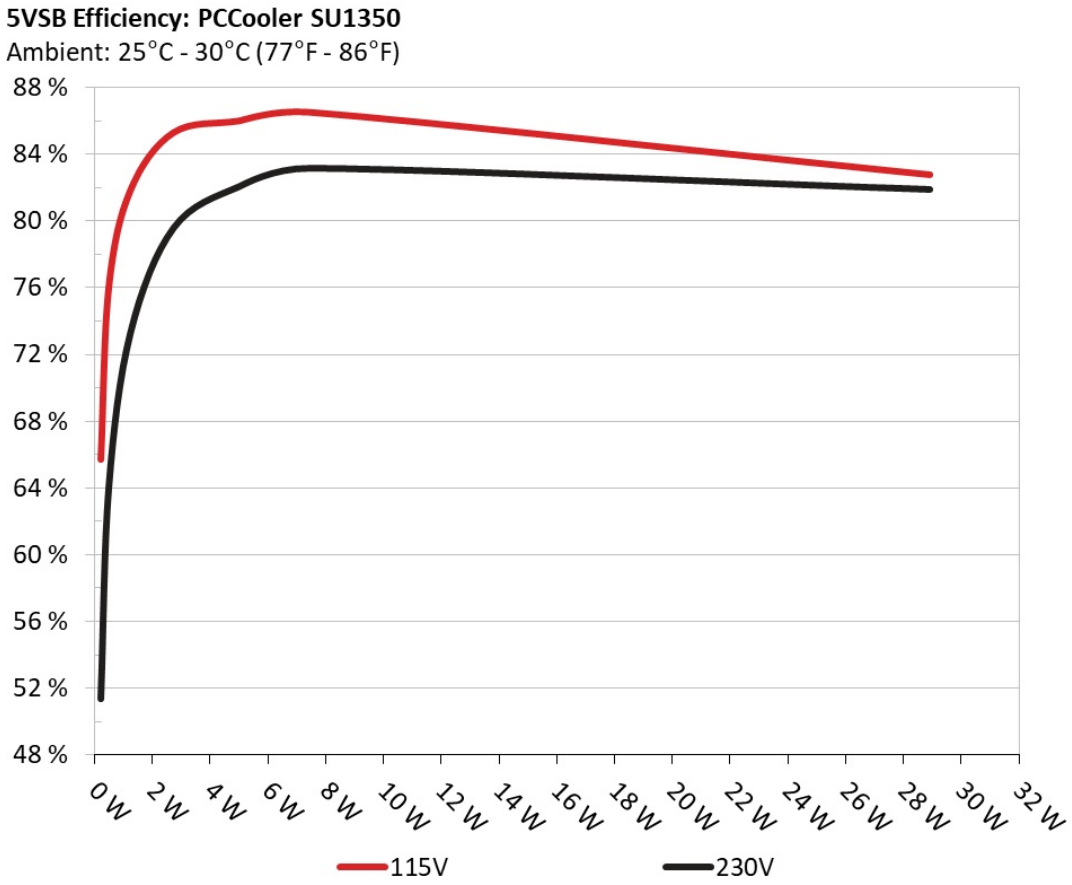
Efficiency under high ambient temperature



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



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**	0.225W	65.698%	0.021
	5.002V	0.34W		114.87V
2	**0.09A**	0.45W	75.026%	0.037
	5V	0.6W		114.88V
3	**0.55A**	2.743W	85.315%	0.179
	4.986V	3.215W		114.88V
4	**1A**	4.973W	86.005%	0.276
	4.972V	5.782W		114.87V
5	**1.5A**	7.436W	86.534%	0.342
	4.956V	8.593W		114.87V
6	**6.001A**	28.925W	82.784%	0.507
	4.82V	34.939W		114.87V

230V

Test #	5VSB	DC/AC (Watts)	Efficiency	PF/AC Volts
1	**0.045A**	0.225W	51.402%	0.008
	5.002V	0.444W		229.88V
2	**0.09A**	0.45W	62.429%	0.013
	5V	0.723W		229.9V
3	**0.55A**	2.743W	79.566%	0.063
	4.986V	3.448W		229.89V
4	**1A**	4.973W	82.008%	0.107
	4.972V	6.062W		229.89V
5	**1.5A**	7.436W	83.134%	0.152
	4.957V	8.947W		229.89V
6	**6.001A**	28.924W	81.868%	0.368
	4.82V	35.328W		229.9V

Protection Features

OCP (Normal @ 28.6°C)	12V: 154.60A (137.42%), 12.024V 5V: 31.3A (125.20%), 4.984V 3.3V: 30.2A (120.80%), 3.273V 5VSB: 9A (150.00%), 4.715V
OCP (Hot @ 43.4°C)	12V: 152.60A (135.64%), 12.034V 5V: 31.4A (125.60%), 4.983V 3.3V: 30.6A (122.40%), 3.273V 5VSB: 7.9A (131.67%), 4.745V
OPP (Normal @ 30.6°C)	1845.06W (136.67%)
OPP (Hot @ 43.0°C)	1806.66W (133.83%)
OTP	✓ (130°C @ 12V Heatsink)
SCP	12V to Earth: ✓ 5V to Earth: ✓ 3.3V to Earth: ✓ 5VSB to Earth: ✓ -12V to Earth: ✓
PWR_OK	Proper Operation
UVP (Full Load @ 90V)	✓
UVP (No Damage @ 80V)	✓
Conducted Emissions EN55032 & CISPR 32	✓
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%	**9.384A**	**1.996A**	**2.003A**	**0.999A**	134.957	90.499%	0	<6.0	44.74°C	0.974
	12.079V	5.01V	3.296V	5.007V	149.124				40.4°C	114.83V
20%	**19.793A**	**2.995A**	**3.006A**	**1.198A**	269.958	93.455%	0	<6.0	43.6°C	0.988
	12.078V	5.008V	3.293V	5.007V	288.867				40.63°C	114.79V
30%	**30.533A**	**3.495A**	**3.509A**	**1.399A**	404.78	93.848%	0	<6.0	44.08°C	0.981
	12.076V	5.007V	3.292V	5.005V	431.316				41.37°C	114.76V
40%	**41.267A**	**3.995A**	**4.012A**	**1.599A**	539.558	93.898%	0	<6.0	48.65°C	0.988
	12.076V	5.006V	3.29V	5.003V	574.62				41.85°C	114.7V
50%	**51.675A**	**4.997A**	**5.019A**	**1.8A**	674.579	93.664%	770	25.5	42.17°C	0.992
	12.077V	5.003V	3.288V	5.002V	720.221				51.52°C	114.65V
60%	**62.090A**	**6.001A**	**6.027A**	**2A**	809.478	93.294%	946	31.3	42.58°C	0.994
	12.074V	5V	3.286V	5V	867.66				53.96°C	114.62V
70%	**72.515A**	**7.006A**	**7.036A**	**2.201A**	944.366	92.822%	1136	36.7	43.38°C	0.995
	12.070V	4.997V	3.284V	4.999V	1017.397				55.25°C	114.55V
80%	**83.008A**	**8.01A**	**8.046A**	**2.301A**	1079.571	92.283%	1306	39.7	43.66°C	0.996
	12.067V	4.994V	3.281V	4.999V	1169.846				56.15°C	114.51V
90%	**93.850A**	**8.514A**	**8.538A**	**2.402A**	1214.604	91.701%	1459	42.6	44.44°C	0.997
	12.063V	4.991V	3.279V	4.997V	1324.522				57.21°C	114.45V
100%	**103.233A**	**9.021A**	**9.065A**	**6.072A**	1349.626	90.973%	1628	45.6	45.24°C	0.997
	12.059V	4.988V	3.276V	4.942V	1483.533				58.48°C	114.4V
110%	**113.754A**	**10.029A**	**10.17A**	**6.07A**	1484.62	90.354%	1768	48.2	46.22°C	0.998
	12.055V	4.985V	3.274V	4.944V	1643.099				60°C	114.34V
CL1	**0.117A**	**18.104A**	**18.189A**	**0.001A**	151.29	84.607%	960	31.6	40.13°C	0.978
	12.093V	4.987V	3.276V	5.099V	178.814				56.06°C	114.82V

Test	12V	5V	3.3V	5VSB	DC/AC (Watts)	Efficiency	Fan Speed (RPM)	PSU Noise (dB[A])	Temps (In/Out)	PF/AC Volts
CL2	**0.116A**	**25.053A**	**0A**	**0.001A**	126.258	81.903%	731	24.2	41.66°C	0.975
	12.096V	4.984V	3.288V	5.136V	154.157				53.34°C	114.84V
CL3	**0.116A**	**0A**	**25.165A**	**0A**	83.887	76.366%	615	19.1	40.63°C	0.966
	12.088V	5.012V	3.278V	5.018V	109.848				51.92°C	114.83V
CL4	**111.910A**	**0A**	**0A**	**0A**	1349.561	91.606%	1491	42.9	45.5°C	0.997
	12.059V	5.005V	3.289V	4.991V	1473.22				56.86°C	114.41V

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%	**9.383A**	**1.996A**	**2.003A**	**0.999A**	134.983	90.746%	0	<6.0	42.78°C	0.88
	12.084V	5.011V	3.295V	5.009V	148.746				40.15°C	229.87V
20%	**19.791A**	**2.995A**	**3.007A**	**1.198A**	269.994	94.308%	0	<6.0	43.29°C	0.946
	12.081V	5.008V	3.293V	5.008V	286.288				40.62°C	229.84V
30%	**30.534A**	**3.496A**	**3.51A**	**1.399A**	404.875	95.17%	0	<6.0	43.79°C	0.967
	12.079V	5.007V	3.291V	5.005V	425.419				41.35°C	229.83V
40%	**41.270A**	**3.998A**	**4.013A**	**1.6A**	539.674	95.37%	402	<6.0	41.61°C	0.975
	12.078V	5.004V	3.29V	5.001V	565.878				46.94°C	229.8V
50%	**51.691A**	**5A**	**5.02A**	**1.801A**	674.614	95.429%	587	16.9	42.46°C	0.979
	12.074V	5V	3.287V	5V	706.93				47.42°C	229.79V
60%	**62.113A**	**6.004A**	**6.028A**	**2.001A**	809.532	95.334%	829	28	42.73°C	0.982
	12.070V	4.998V	3.285V	4.999V	849.162				50.01°C	229.76V
70%	**72.533A**	**7.009A**	**7.039A**	**2.202A**	944.435	95.148%	1083	35.3	43.48°C	0.984
	12.068V	4.995V	3.283V	4.998V	992.595				51.12°C	229.74V
80%	**83.031A**	**8.013A**	**8.048A**	**2.301A**	1079.615	94.957%	1238	38.6	43.96°C	0.985
	12.064V	4.992V	3.28V	4.998V	1136.953				51.17°C	229.71V
90%	**93.874A**	**8.518A**	**8.541A**	**2.403A**	1214.646	94.723%	1387	42	44.68°C	0.987
	12.060V	4.99V	3.278V	4.996V	1282.314				51.36°C	229.69V

Test	12V	5V	3.3V	5VSB	DC/AC (Watts)	Efficiency	Fan Speed (RPM)	PSU Noise (dB[A])	Temps (In/Out)	PF/AC Volts
100%	**103.260A**	**9.025A**	**9.068A**	**6.073A**	1349.648	94.32%	1554	44.3	45.36°C	0.986
	12.056V	4.986V	3.275V	4.941V	1430.926				51.71°C	229.66V
110%	**113.768A**	**10.033A**	**10.174A**	**6.07A**	1484.638	93.965%	1762	48.2	46.98°C	0.987
	12.053V	4.984V	3.273V	4.943V	1579.99				54.52°C	229.64V
CL1	**0.117A**	**18.109A**	**18.192A**	**0.001A**	151.294	85.197%	934	30.8	41.88°C	0.904
	12.092V	4.985V	3.276V	5.1V	177.58				52.19°C	229.87V
CL2	**0.116A**	**25.058A**	**0A**	**0.001A**	126.265	82.331%	741	24.9	41.17°C	0.884
	12.095V	4.983V	3.288V	5.138V	153.361				51.06°C	229.87V
CL3	**0.116A**	**0A**	**25.168A**	**0A**	83.889	76.605%	631	20	41.77°C	0.83
	12.087V	5.012V	3.278V	5.018V	109.504				50.29°C	229.88V
CL4	**111.937A**	**0A**	**0A**	**0A**	1349.602	94.724%	1482	42.9	45.11°C	0.986
	12.057V	5.004V	3.288V	4.99V	1424.782				52.36°C	229.66V

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	**1.230A**	**0.499A**	**0.5A**	**0.2A**	19.996	66.277%	0	<6.0	38.22°C	0.833
	12.062V	5.013V	3.299V	5.013V	30.171				36.36°C	114.87V
40W	**2.710A**	**0.698A**	**0.7A**	**0.299A**	39.998	76.381%	0	<6.0	40.9°C	0.915
	12.064V	5.013V	3.299V	5.013V	52.367				37.4°C	114.86V
60W	**4.188A**	**0.897A**	**0.9A**	**0.399A**	59.999	80.664%	0	<6.0	41.66°C	0.944
	12.067V	5.013V	3.298V	5.013V	74.382				38.75°C	114.86V
80W	**5.660A**	**1.097A**	**1.101A**	**0.499A**	79.941	83.96%	0	<6.0	40.95°C	0.957
	12.069V	5.013V	3.298V	5.012V	95.213				39.43°C	114.85V

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	**1.232A**	**0.499A**	**0.5A**	**0.2A**	20.009	65.456%	0	<6.0	39.95°C	0.437
	12.064V	5.012V	3.298V	5.013V	30.569				36.07°C	229.89V
40W	**2.710A**	**0.698A**	**0.7A**	**0.299A**	40.009	76.925%	0	<6.0	39.77°C	0.62
	12.067V	5.013V	3.298V	5.013V	52.01				37.59°C	229.88V
60W	**4.188A**	**0.898A**	**0.901A**	**0.399A**	60.01	80.999%	0	<6.0	39.23°C	0.725
	12.069V	5.013V	3.298V	5.013V	74.087				38.42°C	229.88V
80W	**5.660A**	**1.097A**	**1.101A**	**0.499A**	79.963	84.191%	0	<6.0	40.26°C	0.796
	12.072V	5.013V	3.297V	5.013V	94.974				39.24°C	229.88V

The results above are not used in the certification process

Ripple Measurements

115V

Test	12V	5V	3.3V	5VSB	Pass/Fail
10% Load	32.22mV	17.50mV	19.44mV	14.26mV	Pass
20% Load	29.41mV	17.96mV	19.80mV	14.47mV	Pass
30% Load	28.49mV	19.09mV	20.21mV	14.98mV	Pass
40% Load	28.18mV	18.32mV	20.06mV	14.93mV	Pass
50% Load	30.89mV	19.91mV	22.27mV	15.81mV	Pass
60% Load	27.57mV	18.68mV	23.76mV	15.49mV	Pass
70% Load	47.15mV	24.89mV	34.94mV	20.63mV	Pass
80% Load	27.26mV	18.01mV	22.21mV	16.11mV	Pass
90% Load	29.05mV	20.68mV	23.55mV	18.27mV	Pass
100% Load	30.38mV	20.63mV	24.16mV	19.75mV	Pass
110% Load	32.37mV	20.73mV	25.09mV	19.39mV	Pass
Crossload1	32.02mV	19.81mV	24.68mV	16.52mV	Pass
Crossload2	39.64mV	23.76mV	20.32mV	19.60mV	Pass

Test	12V	5V	3.3V	5VSB	Pass/Fail
Crossload3	29.51mV	19.61mV	25.96mV	16.11mV	Pass
Crossload4	29.10mV	18.88mV	22.32mV	16.42mV	Pass

The results above are not used in the certification process

230V

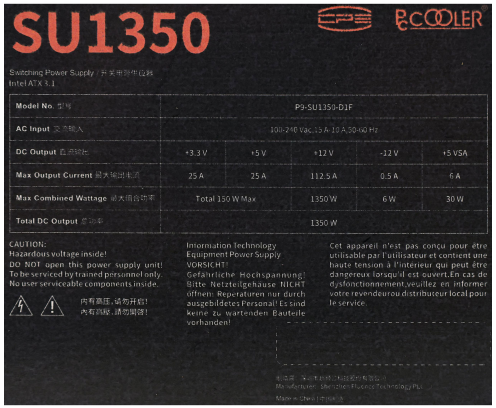
Test	12V	5V	3.3V	5VSB	Pass/Fail
10% Load	36.01mV	17.30mV	19.44mV	13.96mV	Pass
20% Load	26.03mV	17.81mV	19.65mV	14.31mV	Pass
30% Load	27.67mV	17.55mV	19.65mV	14.52mV	Pass
40% Load	26.80mV	18.52mV	19.34mV	14.88mV	Pass
50% Load	27.21mV	18.58mV	20.11mV	15.34mV	Pass
60% Load	26.54mV	18.53mV	22.16mV	15.70mV	Pass
70% Load	26.54mV	18.68mV	21.75mV	16.68mV	Pass
80% Load	26.44mV	18.17mV	22.32mV	15.75mV	Pass
90% Load	28.23mV	19.45mV	22.83mV	17.75mV	Pass
100% Load	28.95mV	19.76mV	24.01mV	18.73mV	Pass
110% Load	29.21mV	21.81mV	24.57mV	19.75mV	Pass
Crossload1	29.15mV	19.50mV	25.50mV	16.83mV	Pass
Crossload2	35.91mV	23.81mV	20.93mV	19.70mV	Pass
Crossload3	29.56mV	18.58mV	25.60mV	15.70mV	Pass
Crossload4	29.51mV	18.68mV	21.19mV	16.27mV	Pass

The results above are not used in the certification process

CPS PCCooler SU1350



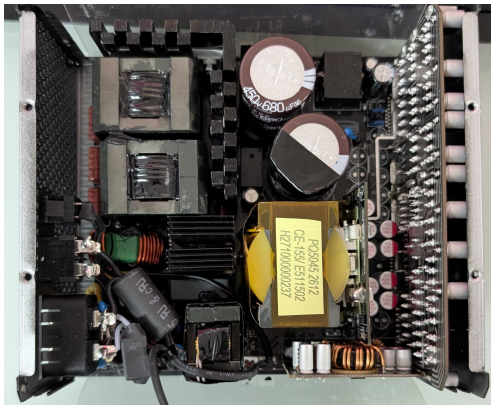
Top side



Power specifications label



Fan



PSU Internals

Cybenetics bietet freiwillige Zertifizierungsprogramme für Netzteile – ETA für Effizienz, LAMBDA für Lautstärke und SAFE für Sicherheit und korrekten Betrieb – sowie für Kühlprodukte mit DELTA für die Schalldämmung von Gehäusen und PHI für Luftstrom und statischen Druck von Lüftern

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