

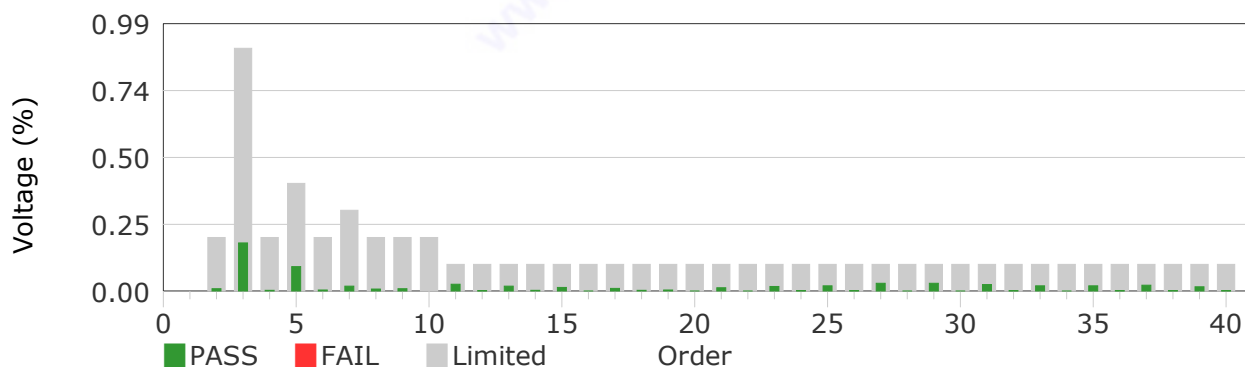
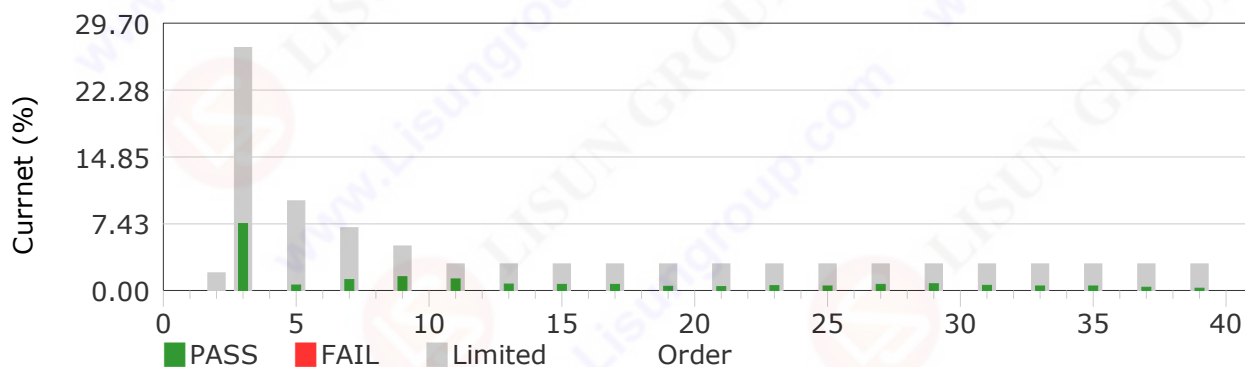
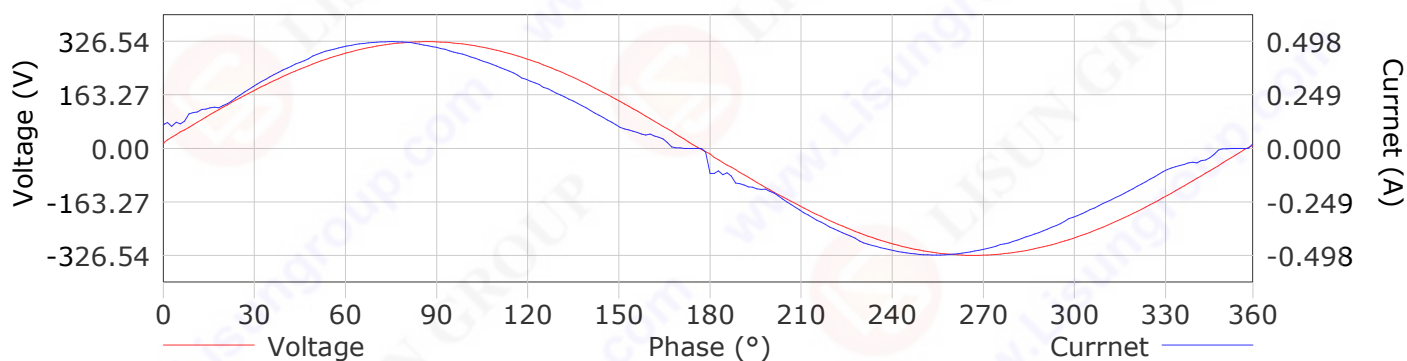
Harmonic Current Test Report - IEC 61000-3-2 Ed. 5.1 (2020)

 Report ID:
 Catalog:
 Description:

 Manufacturer:
 Number:
 Comments:

 Limit Class: IEC 61000-3-2 Ed. 5.1 (2020), Class C, 1-2
 Test Result: PASS

 Urms: 230.48 V
 UCF: 1.417
 Voltage Freq: 49.995Hz
 Reactive Power: 13.64var
 Active Power: 74.92W
 Phase Angle: 9.15°
 Start Phase: 1.4°
 End Phase: 171.6°

 Irms: 0.3304A
 ICF: 1.506
 Current Freq: 49.996Hz
 Apparent Power: 76.16VA
 Power Factor: 0.9838
 Displacement Factor: 0.9873
 Peak Phase: 77.3°

 Test Lab:
 Operator:

 Test Equipment: LISUN LS2050C
 Test Time: 2021-06-30 11:12:47

Current Test Report

 Report ID:
 Catalog:
 Description:

 Manufacturer:
 Number:
 Comments:

 Limit Class: IEC 61000-3-2 Ed. 5.1 (2020), Class C, 1-2
 Test Result: PASS

1. THD, THC and POHC

THD (%)	8.31	THC (A)	0.0271	PHOC (A)	0.0059
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2. Basic Electric Parameters

Urms (V)	230.48	Voltage Freq (Hz)	49.995
Irms (A)	0.3304	ICF	1.506
Fundamental Current (A)	0.3293	Active Power (W)	74.92
Power Factor	0.9838	Displacement Factor	0.9873

3. Harmonic Current and Limit Value Determination

Order	Current (%)	Limited (%)	Margin (%)	Result
2	0.02	2.00	1.11	PASS
3	7.49	27.00	27.74	PASS
5	0.64	10.00	6.43	PASS
7	1.25	7.00	17.87	PASS
9	1.56	5.00	31.29	PASS
11	1.34	3.00	44.57	PASS
13	0.77	3.00	25.57	PASS
15	0.75	3.00	24.84	PASS
17	0.73	3.00	24.33	PASS
19	0.53	3.00	17.52	PASS
21	0.50	3.00	16.57	PASS
23	0.57	3.00	19.15	PASS
25	0.57	3.00	18.90	PASS
27	0.73	3.00	24.23	PASS
29	0.81	3.00	27.00	PASS
31	0.62	3.00	20.57	PASS
33	0.57	3.00	18.94	PASS
35	0.55	3.00	18.30	PASS
37	0.41	3.00	13.80	PASS
39	0.31	3.00	10.28	PASS

 Test Lab:
 Operator:

 Test Equipment: LISUN LS2050C
 Test Time: 2021-06-30 11:12:47

Voltage Test Report

 Report ID:
 Catalog:
 Description:

 Manufacturer:
 Number:
 Comments:

 Limit Class: IEC 61000-3-2 Ed. 5.1 (2020), Class C, 1-2
 Test Result: Power Supply Meet the Requirements

1. Voltage Parameters and Determination

Item	Measured	Limited	Result
Voltage (V)	230.48	[225.40,234.60]	PASS
Frequency (Hz)	49.9951	[49.75,50.25]	PASS
Voltage CF	1.4168	[1.40,1.42]	PASS
Upk (°)	85.78	[87,93]	PASS

2. Harmonic Voltage and Limit Value Determination

Order	Voltage (%)	Limited (%)	Margin (%)	Result
2	0.01	0.20	4.92	PASS
3	0.18	0.90	19.95	PASS
4	0.00	0.20	1.91	PASS
5	0.09	0.40	22.97	PASS
6	0.00	0.20	2.48	PASS
7	0.02	0.30	6.32	PASS
8	0.01	0.20	4.45	PASS
9	0.01	0.20	5.07	PASS
10	0.00	0.20	0.19	PASS
11	0.03	0.10	26.25	PASS
12	0.00	0.10	3.21	PASS
13	0.02	0.10	19.28	PASS
14	0.00	0.10	4.15	PASS
15	0.01	0.10	14.31	PASS
16	0.00	0.10	2.36	PASS
17	0.01	0.10	11.43	PASS
18	0.00	0.10	4.14	PASS
19	0.01	0.10	5.46	PASS
20	0.00	0.10	1.42	PASS
21	0.01	0.10	13.12	PASS
22	0.00	0.10	1.40	PASS
23	0.02	0.10	18.71	PASS
24	0.00	0.10	2.83	PASS
25	0.02	0.10	20.79	PASS
26	0.00	0.10	2.85	PASS
27	0.03	0.10	30.34	PASS
28	0.00	0.10	2.09	PASS
29	0.03	0.10	29.84	PASS
30	0.00	0.10	1.69	PASS
31	0.03	0.10	26.03	PASS
32	0.00	0.10	2.85	PASS
33	0.02	0.10	20.49	PASS
34	0.00	0.10	2.14	PASS
35	0.02	0.10	20.52	PASS
36	0.00	0.10	3.03	PASS
37	0.02	0.10	23.34	PASS
38	0.00	0.10	3.14	PASS
39	0.02	0.10	16.65	PASS
40	0.00	0.10	3.39	PASS

 Test Lab:
 Operator:

 Test Equipment: LISUN LS2050C
 Test Time: 2021-06-30 11:12:47