

Test Conditions

Power (per phase)

P = 291.66kW

Item	Value	Result	Item	Value	Result	Item	Value	Result
THD	1.04%	PASS	THD	1.02%	PASS	THD	1.06%	PASS
PWHD	1.16%	PASS	PWHD	1.54%	PASS	PWHD	1.43%	PASS

Harmonic Order	Harmonic current test results						limit of harmonics according to EN 61000-3-12:2005 table 3 - symmetric three phase		Evaluation			Result (Pass / Fail)
	av. Current In [A]			Measurement (%)			av. Current In [A]	Measurement (%)	test result in % from the limit (margin)			
	Phase 1	Phase 2	Phase 3	Phase 1	Phase 2	Phase 3			Phase 1	Phase 2	Phase 3	
1	1328.40	1362.98	1347.16	100.00%	100.00%	100.00%	-	-	-	-	-	
2	7.9477	5.6835	7.6564	0.60%	0.42%	0.57%	107.695	8.0%	7.38%	5.28%	7.11%	P
3	4.4921	3.8761	4.7336	0.34%	0.28%	0.35%	67.309	5.0%	6.67%	5.76%	7.03%	P
4	5.4006	6.9244	3.9939	0.41%	0.51%	0.30%	53.847	4.0%	10.03%	12.86%	7.42%	P
5	6.8226	7.2989	8.0920	0.51%	0.54%	0.60%	144.041	10.7%	4.74%	5.07%	5.62%	P
6	0.5903	1.0387	1.0148	0.04%	0.08%	0.08%	36.347	2.7%	1.62%	2.86%	2.79%	P
7	3.3831	3.9862	3.5228	0.25%	0.29%	0.26%	96.925	7.2%	3.49%	4.11%	3.63%	P
8	0.9059	0.5737	0.6894	0.07%	0.04%	0.05%	26.924	2.0%	3.36%	2.13%	2.56%	P
9	0.3247	0.3322	0.3848	0.02%	0.02%	0.03%	67.309	5.0%	0.48%	0.49%	0.57%	P
10	0.9726	0.8828	0.9796	0.07%	0.06%	0.07%	21.539	1.6%	4.52%	4.10%	4.55%	P
11	1.4725	1.4220	1.4760	0.11%	0.10%	0.11%	41.732	3.1%	3.53%	3.41%	3.54%	P
12	1.3606	1.4781	1.4522	0.10%	0.11%	0.11%	17.500	1.3%	7.77%	8.45%	8.30%	P
13	1.0092	0.8747	1.6450	0.08%	0.06%	0.12%	26.924	2.0%	3.75%	3.25%	6.11%	P
14	0.3596	0.4721	0.4262	0.03%	0.03%	0.03%	14.808	1.1%	2.43%	3.19%	2.88%	P
15	0.4833	0.3238	0.4791	0.04%	0.02%	0.04%	13.462	1.0%	3.59%	2.41%	3.56%	P
16	1.2252	1.1526	1.2159	0.09%	0.08%	0.09%	13.462	1.0%	9.10%	8.56%	9.03%	P
17	1.5672	0.7991	1.4585	0.12%	0.06%	0.11%	13.462	1.0%	11.64%	5.94%	10.83%	P
18	1.9597	1.2791	2.5498	0.15%	0.09%	0.19%	13.462	1.0%	14.56%	9.50%	18.94%	P
19	1.1932	3.5145	2.6111	0.09%	0.26%	0.19%	13.462	1.0%	8.86%	26.11%	19.40%	P
20	1.5791	2.3433	1.3996	0.12%	0.17%	0.10%	13.462	1.0%	11.73%	17.41%	10.40%	P
21	0.2687	0.4885	0.3262	0.02%	0.04%	0.02%	13.462	1.0%	2.00%	3.63%	2.42%	P
22	0.4878	0.7002	0.5699	0.04%	0.05%	0.04%	13.462	1.0%	3.62%	5.20%	4.23%	P
23	0.3834	0.3093	0.3083	0.03%	0.02%	0.02%	13.462	1.0%	2.85%	2.30%	2.29%	P
24	0.1418	0.1905	0.1460	0.01%	0.01%	0.01%	13.462	1.0%	1.05%	1.42%	1.08%	P
25	0.2066	0.3007	0.2545	0.02%	0.02%	0.02%	13.462	1.0%	1.53%	2.23%	1.89%	P
26	0.0860	0.0947	0.0795	0.01%	0.01%	0.01%	13.462	1.0%	0.64%	0.70%	0.59%	P
27	0.0411	0.0990	0.0983	0.00%	0.01%	0.01%	13.462	1.0%	0.31%	0.74%	0.73%	P
28	0.1567	0.1898	0.1632	0.01%	0.01%	0.01%	13.462	1.0%	1.16%	1.41%	1.21%	P
29	0.1008	0.0916	0.0617	0.01%	0.01%	0.00%	13.462	1.0%	0.75%	0.68%	0.46%	P
30	0.0796	0.0952	0.0784	0.01%	0.01%	0.01%	13.462	1.0%	0.59%	0.71%	0.58%	P
31	0.0231	0.0550	0.0492	0.00%	0.00%	0.00%	13.462	1.0%	0.17%	0.41%	0.37%	P
32	0.0425	0.0553	0.0393	0.00%	0.00%	0.00%	13.462	1.0%	0.32%	0.41%	0.29%	P
33	0.0244	0.0278	0.0181	0.00%	0.00%	0.00%	13.462	1.0%	0.18%	0.21%	0.13%	P
34	0.1166	0.1271	0.1056	0.01%	0.01%	0.01%	13.462	1.0%	0.87%	0.94%	0.78%	P
35	0.0682	0.0744	0.0280	0.01%	0.01%	0.00%	13.462	1.0%	0.51%	0.55%	0.21%	P
36	0.2032	0.2122	0.1943	0.02%	0.02%	0.01%	13.462	1.0%	1.51%	1.58%	1.44%	P
37	0.0453	0.0511	0.0413	0.00%	0.00%	0.00%	13.462	1.0%	0.34%	0.38%	0.31%	P
38	0.0306	0.0358	0.0332	0.00%	0.00%	0.00%	13.462	1.0%	0.23%	0.27%	0.25%	P
39	0.0235	0.0273	0.0250	0.00%	0.00%	0.00%	13.462	1.0%	0.17%	0.20%	0.19%	P
40	0.3455	0.3883	0.3469	0.03%	0.03%	0.03%	13.462	1.0%	2.57%	2.88%	2.58%	P
41	0.0467	0.0684	0.0390	0.00%	0.01%	0.00%	13.462	1.0%	0.35%	0.51%	0.29%	P
42	0.2730	0.2879	0.2593	0.02%	0.02%	0.02%	13.462	1.0%	2.03%	2.14%	1.93%	P
43	0.0618	0.0482	0.0522	0.00%	0.00%	0.00%	13.462	1.0%	0.46%	0.36%	0.39%	P
44	0.0228	0.0255	0.0250	0.00%	0.00%	0.00%	13.462	1.0%	0.17%	0.19%	0.19%	P
45	0.0873	0.1055	0.0832	0.01%	0.01%	0.01%	13.462	1.0%	0.65%	0.78%	0.62%	P
46	2.1454	2.4122	2.1497	0.16%	0.18%	0.16%	13.462	1.0%	15.94%	17.92%	15.97%	P
47	0.0526	0.0577	0.0481	0.00%	0.00%	0.00%	13.462	1.0%	0.39%	0.43%	0.36%	P
48	2.7689	3.1392	2.7647	0.21%	0.23%	0.21%	13.462	1.0%	20.57%	23.32%	20.54%	P
49	0.3461	0.3649	0.3289	0.03%	0.03%	0.02%	13.462	1.0%	2.57%	2.71%	2.44%	P
50	0.0331	0.0732	0.0128	0.00%	0.01%	0.00%	13.462	1.0%	0.25%	0.54%	0.10%	P