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SPI250K-B-H Harmonic Data

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1250V @62.5kW Harmonic Data										
Voltage harmonic requirement (%)	Current harmonic requirement (%)	Harmonic number	A phase harmonic current inclusion rate%)	A phase harmonic voltage inclusion rate%)	B phase harmonic current inclusion rate%)	B phase harmonic voltage inclusion rate%)	C phase harmonic current inclusion rate%)	C phase harmonic voltage inclusion rate%)	Voltage harmonic conclusion	Current harmonic conclusion
--	5	Total harmonic distortion	3.634	0.446	3.278	0.433	3.379	0.412		Qualified
2	1	2	0.306	0.102	0.242	0.077	0.107	0.023	Qualified	Qualified
4	4	3	0.196	0.069	0.068	0.058	0.237	0.019	Qualified	Qualified
2	1	4	0.073	0.038	0.128	0.045	0.058	0.022	Qualified	Qualified
4	4	5	0.089	0.209	0.095	0.240	0.151	0.224	Qualified	Qualified
2	1	6	0.249	0.040	0.057	0.033	0.302	0.010	Qualified	Qualified
4	4	7	0.186	0.155	0.120	0.119	0.098	0.127	Qualified	Qualified
2	1	8	0.151	0.037	0.175	0.037	0.226	0.020	Qualified	Qualified
4	4	9	0.083	0.037	0.069	0.015	0.061	0.022	Qualified	Qualified
2	1	10	0.137	0.019	0.140	0.022	0.095	0.032	Qualified	Qualified
4	2	11	0.385	0.069	0.400	0.049	0.330	0.087	Qualified	Qualified
2	0.5	12	0.131	0.039	0.038	0.024	0.124	0.019	Qualified	Qualified
4	2	13	0.277	0.038	0.389	0.064	0.299	0.073	Qualified	Qualified
2	0.5	14	0.129	0.037	0.085	0.024	0.114	0.030	Qualified	Qualified
4	2	15	0.087	0.025	0.063	0.022	0.065	0.007	Qualified	Qualified
2	0.5	16	0.018	0.006	0.020	0.007	0.014	0.007	Qualified	Qualified
4	1.5	17	0.166	0.046	0.154	0.028	0.176	0.038	Qualified	Qualified
2	0.375	18	0.030	0.009	0.019	0.006	0.027	0.010	Qualified	Qualified
4	1.5	19	0.099	0.040	0.115	0.042	0.115	0.033	Qualified	Qualified
2	0.375	20	0.016	0.006	0.021	0.005	0.019	0.006	Qualified	Qualified
4	1.5	21	0.037	0.019	0.012	0.006	0.029	0.015	Qualified	Qualified
2	0.375	22	0.013	0.009	0.011	0.008	0.021	0.005	Qualified	Qualified
4	0.6	23	0.202	0.103	0.173	0.091	0.171	0.102	Qualified	Qualified
2	0.15	24	0.022	0.009	0.011	0.005	0.014	0.009	Qualified	Qualified
4	0.6	25	0.253	0.146	0.256	0.151	0.254	0.149	Qualified	Qualified
2	0.15	26	0.036	0.022	0.022	0.013	0.023	0.018	Qualified	Qualified
4	0.6	27	0.033	0.024	0.011	0.010	0.033	0.015	Qualified	Qualified
2	0.15	28	0.012		0.013		0.010	0.007		Qualified
4	0.6	29	0.095		0.104		0.120			Qualified
2	0.15	30	0.010		0.006		0.007			Qualified
4	0.6	31	0.035		0.032		0.039			Qualified
2	0.15	32	0.017		0.021		0.019			Qualified
4	0.6	33	0.026		0.008		0.024			Qualified
2	0.15	34	0.010		0.012		0.009			Qualified
4	0.3	35	0.090		0.075		0.082			Qualified
2	0.075	36	0.017		0.011		0.012			Qualified
4	0.3	37	0.126		0.118		0.130			Qualified
2	0.075	38	0.024		0.016		0.012			Qualified
4	0.3	39	0.023		0.011		0.031			Qualified
2	0.075	40	0.016		0.015		0.011			Qualified
4	0.3	41	0.084		0.100		0.105			Qualified
2	0.075	42	0.009		0.008		0.013			Qualified
4	0.3	43	0.061		0.044		0.070			Qualified
2	0.075	44	0.021		0.020		0.018			Qualified
4	0.3	45	0.038		0.008		0.040			Qualified
2	0.075	46	0.040		0.053		0.031			Qualified
4	0.3	47	0.084		0.053		0.088			Qualified
2	0.075	48	0.014		0.013		0.008			Qualified
4	0.3	49	0.125		0.112		0.121			Qualified
2	0.075	50	0.035		0.027		0.016			Qualified

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1250V @125kW Harmonic Data										
Voltage harmonic requirement (%)	Current harmonic requirement (%)	Harmonic number	A phase harmonic current inclusion rate%)	A phase harmonic voltage inclusion rate%)	B phase harmonic current inclusion rate%)	B phase harmonic voltage inclusion rate%)	C phase harmonic current inclusion rate%)	C phase harmonic voltage inclusion rate%)	Voltage harmonic conclusion	Current harmonic conclusion
--	5	Total harmonic distortion	2.074	0.491	1.900	0.478	2.028	0.463		Qualified
2	1	2	0.277	0.111	0.230	0.084	0.084	0.028	Qualified	Qualified
4	4	3	0.174	0.055	0.054	0.055	0.161	0.024	Qualified	Qualified
2	1	4	0.163	0.033	0.119	0.040	0.048	0.017	Qualified	Qualified
4	4	5	0.134	0.231	0.222	0.247	0.235	0.238	Qualified	Qualified
2	1	6	0.297	0.046	0.071	0.031	0.346	0.015	Qualified	Qualified
4	4	7	0.186	0.149	0.218	0.132	0.036	0.155	Qualified	Qualified
2	1	8	0.176	0.033	0.069	0.005	0.115	0.032	Qualified	Qualified
4	4	9	0.111	0.016	0.060	0.007	0.056	0.019	Qualified	Qualified
2	1	10	0.072	0.026	0.057	0.018	0.090	0.016	Qualified	Qualified
4	2	11	0.129	0.004	0.225	0.028	0.134	0.026	Qualified	Qualified
2	0.5	12	0.136	0.038	0.035	0.023	0.130	0.017	Qualified	Qualified
4	2	13	0.126	0.029	0.148	0.029	0.180	0.009	Qualified	Qualified
2	0.5	14	0.113	0.034	0.076	0.019	0.094	0.028	Qualified	Qualified
4	2	15	0.080	0.010	0.027	0.005	0.054	0.011	Qualified	Qualified
2	0.5	16	0.074	0.017	0.050	0.011	0.052	0.022	Qualified	Qualified
4	1.5	17	0.515	0.181	0.482	0.151	0.521	0.162	Qualified	Qualified
2	0.375	18	0.021	0.011	0.020	0.008	0.020	0.013	Qualified	Qualified
4	1.5	19	0.474	0.186	0.511	0.200	0.529	0.196	Qualified	Qualified
2	0.375	20	0.050	0.015	0.045	0.008	0.032	0.017	Qualified	Qualified
4	1.5	21	0.040	0.028	0.041	0.029	0.063	0.004	Qualified	Qualified
2	0.375	22	0.012	0.006	0.011	0.004	0.015	0.005	Qualified	Qualified
4	0.6	23	0.252	0.123	0.239	0.107	0.234	0.124	Qualified	Qualified
2	0.15	24	0.008	0.005	0.011	0.005	0.011	0.003	Qualified	Qualified
4	0.6	25	0.124	0.065	0.135	0.070	0.134	0.071	Qualified	Qualified
2	0.15	26	0.022	0.013	0.019	0.013	0.027	0.006	Qualified	Qualified
4	0.6	27	0.015	0.012	0.015	0.009	0.017	0.005	Qualified	Qualified
2	0.15	28	0.023		0.016		0.015	0.012		Qualified
4	0.6	29	0.091		0.086		0.075			Qualified
2	0.15	30	0.013		0.008		0.008			Qualified
4	0.6	31	0.115		0.114		0.108			Qualified
2	0.15	32	0.016		0.018		0.014			Qualified
4	0.6	33	0.015		0.010		0.021			Qualified
2	0.15	34	0.014		0.014		0.020			Qualified
4	0.3	35	0.082		0.096		0.093			Qualified
2	0.075	36	0.007		0.009		0.008			Qualified
4	0.3	37	0.080		0.078		0.095			Qualified
2	0.075	38	0.024		0.019		0.025			Qualified
4	0.3	39	0.024		0.017		0.040			Qualified
2	0.075	40	0.018		0.016		0.016			Qualified
4	0.3	41	0.061		0.037		0.056			Qualified
2	0.075	42	0.009		0.007		0.010			Qualified
4	0.3	43	0.030		0.038		0.044			Qualified
2	0.075	44	0.011		0.016		0.011			Qualified
4	0.3	45	0.033		0.020		0.042			Qualified
2	0.075	46	0.046		0.055		0.035			Qualified
4	0.3	47	0.098		0.056		0.105			Qualified
2	0.075	48	0.007		0.010		0.008			Qualified
4	0.3	49	0.095		0.121		0.102			Qualified
2	0.075	50	0.020		0.014		0.013			Qualified

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1250V @187.5kW Harmonic Data										
Voltage harmonic requirement (%)	Current harmonic requirement (%)	Harmonic number	A phase harmonic current inclusion rate%)	A phase harmonic voltage inclusion rate%)	B phase harmonic current inclusion rate%)	B phase harmonic voltage inclusion rate%)	C phase harmonic current inclusion rate%)	C phase harmonic voltage inclusion rate%)	Voltage harmonic conclusion	Current harmonic conclusion
--	5	Total harmonic distortion	1.448	1.146	1.706	1.187	1.947	1.078		Qualified
2	1	2	0.193	0.026	0.321	0.064	0.139	0.079	Qualified	Qualified
4	4	3	0.237	0.152	0.514	0.294	0.664	0.162	Qualified	Qualified
2	1	4	0.185	0.076	0.115	0.051	0.115	0.031	Qualified	Qualified
4	4	5	0.355	0.515	0.269	0.357	0.569	0.399	Qualified	Qualified
2	1	6	0.256	0.087	0.034	0.036	0.256	0.053	Qualified	Qualified
4	4	7	0.273	0.878	0.616	0.974	0.708	0.847	Qualified	Qualified
2	1	8	0.260	0.031	0.209	0.041	0.153	0.052	Qualified	Qualified
4	4	9	0.233	0.071	0.363	0.117	0.268	0.058	Qualified	Qualified
2	1	10	0.256	0.032	0.200	0.025	0.204	0.024	Qualified	Qualified
4	2	11	0.346	0.329	0.412	0.344	0.307	0.372	Qualified	Qualified
2	0.5	12	0.059	0.025	0.023	0.005	0.065	0.026	Qualified	Qualified
4	2	13	0.153	0.227	0.128	0.191	0.122	0.213	Qualified	Qualified
2	0.5	14	0.161	0.046	0.144	0.036	0.111	0.039	Qualified	Qualified
4	2	15	0.051	0.020	0.032	0.035	0.050	0.015	Qualified	Qualified
2	0.5	16	0.113	0.027	0.049	0.029	0.084	0.034	Qualified	Qualified
4	1.5	17	0.070	0.083	0.223	0.089	0.281	0.048	Qualified	Qualified
2	0.375	18	0.031	0.009	0.026	0.006	0.029	0.008	Qualified	Qualified
4	1.5	19	0.452	0.031	0.408	0.014	0.402	0.040	Qualified	Qualified
2	0.375	20	0.027	0.006	0.045	0.006	0.057	0.010	Qualified	Qualified
4	1.5	21	0.037	0.030	0.061	0.036	0.094	0.012	Qualified	Qualified
2	0.375	22	0.027	0.004	0.038	0.004	0.025	0.003	Qualified	Qualified
4	0.6	23	0.204	0.097	0.188	0.078	0.250	0.069	Qualified	Qualified
2	0.15	24	0.018	0.009	0.014	0.005	0.016	0.005	Qualified	Qualified
4	0.6	25	0.230	0.074	0.232	0.062	0.272	0.051	Qualified	Qualified
2	0.15	26	0.017	0.008	0.022	0.004	0.020	0.008	Qualified	Qualified
4	0.6	27	0.012	0.015	0.025	0.023	0.036	0.009	Qualified	Qualified
2	0.15	28	0.016		0.020		0.017	0.012		Qualified
4	0.6	29	0.150		0.125		0.146			Qualified
2	0.15	30	0.008		0.004		0.008			Qualified
4	0.6	31	0.044		0.074		0.077			Qualified
2	0.15	32	0.010		0.005		0.013			Qualified
4	0.6	33	0.011		0.029		0.032			Qualified
2	0.15	34	0.011		0.013		0.010			Qualified
4	0.3	35	0.066		0.054		0.026			Qualified
2	0.075	36	0.005		0.006		0.008			Qualified
4	0.3	37	0.019		0.046		0.036			Qualified
2	0.075	38	0.014		0.017		0.009			Qualified
4	0.3	39	0.013		0.018		0.030			Qualified
2	0.075	40	0.018		0.009		0.010			Qualified
4	0.3	41	0.067		0.052		0.034			Qualified
2	0.075	42	0.006		0.013		0.009			Qualified
4	0.3	43	0.081		0.080		0.060			Qualified
2	0.075	44	0.010		0.009		0.016			Qualified
4	0.3	45	0.050		0.022		0.057			Qualified
2	0.075	46	0.017		0.006		0.016			Qualified
4	0.3	47	0.107		0.107		0.101			Qualified
2	0.075	48	0.011		0.016		0.019			Qualified
4	0.3	49	0.126		0.104		0.116			Qualified
2	0.075	50	0.031		0.014		0.026			Qualified

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1250V @250kW Harmonic Data										
Voltage harmonic requirement (%)	Current harmonic requirement (%)	Harmonic number	A phase harmonic current inclusion rate%)	A phase harmonic voltage inclusion rate%)	B phase harmonic current inclusion rate%)	B phase harmonic voltage inclusion rate%)	C phase harmonic current inclusion rate%)	C phase harmonic voltage inclusion rate%)	Voltage harmonic conclusion	Current harmonic conclusion
--	5	Total harmonic distortion	1.143	1.112	1.391	1.101	1.437	1.033		Qualified
2	1	2	0.371	0.031	0.495	0.071	0.158	0.049	Qualified	Qualified
4	4	3	0.235	0.146	0.659	0.296	0.712	0.164	Qualified	Qualified
2	1	4	0.209	0.087	0.114	0.047	0.106	0.042	Qualified	Qualified
4	4	5	0.482	0.649	0.185	0.470	0.555	0.547	Qualified	Qualified
2	1	6	0.175	0.092	0.074	0.049	0.242	0.044	Qualified	Qualified
4	4	7	0.197	0.695	0.566	0.775	0.622	0.651	Qualified	Qualified
2	1	8	0.174	0.011	0.206	0.044	0.165	0.052	Qualified	Qualified
4	4	9	0.275	0.068	0.353	0.116	0.306	0.065	Qualified	Qualified
2	1	10	0.226	0.032	0.186	0.015	0.197	0.018	Qualified	Qualified
4	2	11	0.359	0.385	0.344	0.376	0.305	0.399	Qualified	Qualified
2	0.5	12	0.044	0.022	0.032	0.020	0.017	0.016	Qualified	Qualified
4	2	13	0.124	0.209	0.129	0.204	0.059	0.226	Qualified	Qualified
2	0.5	14	0.186	0.037	0.152	0.028	0.120	0.029	Qualified	Qualified
4	2	15	0.017	0.027	0.095	0.039	0.093	0.015	Qualified	Qualified
2	0.5	16	0.118	0.020	0.085	0.025	0.073	0.023	Qualified	Qualified
4	1.5	17	0.206	0.144	0.357	0.155	0.317	0.136	Qualified	Qualified
2	0.375	18	0.038	0.009	0.027	0.012	0.056	0.005	Qualified	Qualified
4	1.5	19	0.452	0.081	0.482	0.088	0.408	0.109	Qualified	Qualified
2	0.375	20	0.012	0.007	0.043	0.006	0.037	0.010	Qualified	Qualified
4	1.5	21	0.058	0.022	0.057	0.018	0.111	0.006	Qualified	Qualified
2	0.375	22	0.017	0.010	0.016	0.005	0.032	0.013	Qualified	Qualified
4	0.6	23	0.122	0.108	0.157	0.105	0.174	0.109	Qualified	Qualified
2	0.15	24	0.032	0.012	0.008	0.007	0.026	0.007	Qualified	Qualified
4	0.6	25	0.205	0.077	0.179	0.069	0.187	0.086	Qualified	Qualified
2	0.15	26	0.015	0.008	0.015	0.011	0.019	0.008	Qualified	Qualified
4	0.6	27	0.012	0.016	0.021	0.016	0.030	0.003	Qualified	Qualified
2	0.15	28	0.014		0.024		0.012	0.008		Qualified
4	0.6	29	0.110		0.129		0.118			Qualified
2	0.15	30	0.008		0.004		0.008			Qualified
4	0.6	31	0.098		0.071		0.084			Qualified
2	0.15	32	0.009		0.006		0.011			Qualified
4	0.6	33	0.010		0.007		0.015			Qualified
2	0.15	34	0.021		0.009		0.013			Qualified
4	0.3	35	0.097		0.091		0.082			Qualified
2	0.075	36	0.011		0.011		0.017			Qualified
4	0.3	37	0.078		0.074		0.070			Qualified
2	0.075	38	0.017		0.022		0.021			Qualified
4	0.3	39	0.017		0.009		0.020			Qualified
2	0.075	40	0.015		0.013		0.019			Qualified
4	0.3	41	0.078		0.065		0.088			Qualified
2	0.075	42	0.009		0.011		0.019			Qualified
4	0.3	43	0.087		0.088		0.091			Qualified
2	0.075	44	0.023		0.009		0.029			Qualified
4	0.3	45	0.023		0.017		0.008			Qualified
2	0.075	46	0.017		0.020		0.036			Qualified
4	0.3	47	0.075		0.061		0.084			Qualified
2	0.075	48	0.010		0.011		0.015			Qualified
4	0.3	49	0.081		0.065		0.078			Qualified
2	0.075	50	0.066		0.008		0.062			Qualified

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