

33% Current, Nominal DC Voltage Case

Rated Current A
 @Nom DC PV Voltage

Aac(L-L)
 Wao
 Freq
 PF

The greater of rated or
 A
 A
 A

Total Current Phase 1 A
 Phase 2 A
 Phase 3 A

Ithd Current Harmonic limit (%)

total 5
 2 1
 3 4
 4 1
 5 4
 6 1
 7 4
 8 1
 9 4
 10 1
 11 2
 12 0.5
 13 2
 14 0.5
 15 2
 16 0.5
 17 1.5
 18 0.375
 19 1.5
 20 0.375
 21 1.5
 22 0.375
 23 0.6
 24 0.15
 25 0.6
 26 0.15
 27 0.6
 28 0.15
 29 0.6
 30 0.15
 31 0.6
 32 0.15
 33 0.6
 34 0.15
 35 0.3
 36 0.075
 37 0.3
 38 0.075
 39 0.3
 40 0.075
 41 0.3
 42 0.075
 43 0.3
 44 0.075
 45 0.3
 46 0.075
 47 0.3
 48 0.075
 49 0.3
 50 0.075

33% Current Level, Nom VDC								
phase 1			phase 2			phase 3		
magnitude (A)	percentage	pass/fail	magnitude (A)	percentage	pass/fail	magnitude (A)	percentage	pass/fail
0.70	1.616	pass	0.77	1.775	pass	0.80	1.851	pass
0.19	0.447	pass	0.05	0.114	pass	0.16	0.408	pass
0.13	0.290	pass	0.08	0.185	pass	0.06	0.133	pass
0.13	0.302	pass	0.06	0.131	pass	0.09	0.202	pass
0.13	0.299	pass	0.17	0.398	pass	0.19	0.445	pass
0.23	0.541	pass	0.26	0.611	pass	0.06	0.141	pass
0.30	0.701	pass	0.38	0.875	pass	0.53	1.226	pass
0.09	0.199	pass	0.18	0.412	pass	0.10	0.233	pass
0.04	0.091	pass	0.11	0.249	pass	0.11	0.259	pass
0.10	0.224	pass	0.06	0.145	pass	0.07	0.167	pass
0.19	0.439	pass	0.24	0.551	pass	0.23	0.524	pass
0.07	0.151	pass	0.09	0.203	pass	0.02	0.056	pass
0.40	0.920	pass	0.42	0.972	pass	0.40	0.925	pass
0.04	0.086	pass	0.02	0.057	pass	0.02	0.057	pass
0.03	0.066	pass	0.07	0.161	pass	0.04	0.096	pass
0.04	0.100	pass	0.04	0.104	pass	0.03	0.061	pass
0.06	0.129	pass	0.08	0.190	pass	0.08	0.178	pass
0.03	0.062	pass	0.02	0.040	pass	0.02	0.043	pass
0.11	0.262	pass	0.12	0.270	pass	0.10	0.236	pass
0.02	0.038	pass	0.04	0.083	pass	0.02	0.054	pass
0.01	0.031	pass	0.03	0.071	pass	0.02	0.042	pass
0.00	0.010	pass	0.01	0.025	pass	0.01	0.024	pass
0.05	0.110	pass	0.07	0.155	pass	0.06	0.145	pass
0.02	0.058	pass	0.01	0.034	pass	0.01	0.026	pass
0.03	0.066	pass	0.04	0.087	pass	0.02	0.054	pass
0.01	0.017	pass	0.02	0.042	pass	0.01	0.026	pass
0.01	0.028	pass	0.02	0.037	pass	0.01	0.020	pass
0.01	0.029	pass	0.01	0.023	pass	0.01	0.027	pass
0.04	0.084	pass	0.04	0.102	pass	0.04	0.088	pass
0.02	0.043	pass	0.01	0.025	pass	0.01	0.030	pass
0.03	0.071	pass	0.03	0.070	pass	0.04	0.085	pass
0.01	0.016	pass	0.01	0.023	pass	0.01	0.012	pass
0.01	0.033	pass	0.02	0.037	pass	0.00	0.005	pass
0.02	0.036	pass	0.01	0.024	pass	0.01	0.024	pass
0.02	0.040	pass	0.02	0.042	pass	0.01	0.028	pass
0.01	0.028	pass	0.01	0.012	pass	0.01	0.023	pass
0.05	0.108	pass	0.03	0.060	pass	0.05	0.119	pass
0.01	0.021	pass	0.01	0.026	pass	0.01	0.026	pass
0.02	0.038	pass	0.02	0.038	pass	0.01	0.013	pass
0.01	0.033	pass	0.01	0.027	pass	0.01	0.013	pass
0.02	0.052	pass	0.01	0.027	pass	0.02	0.046	pass
0.01	0.012	pass	0.01	0.016	pass	0.00	0.011	pass
0.05	0.108	pass	0.03	0.060	pass	0.04	0.100	pass
0.01	0.024	pass	0.02	0.045	pass	0.01	0.032	pass
0.02	0.050	pass	0.02	0.043	pass	0.01	0.024	pass
0.01	0.020	pass	0.02	0.036	pass	0.02	0.035	pass
0.04	0.083	pass	0.02	0.048	pass	0.03	0.073	pass
0.01	0.031	pass	0.01	0.031	pass	0.01	0.020	pass
0.03	0.079	pass	0.02	0.042	pass	0.03	0.059	pass
0.02	0.035	pass	0.02	0.036	pass	0.01	0.028	pass

Vthd

Voltage thd

66% Current, Nominal DC Voltage Case

Rated Current A
 @Nom DC PV Voltage

Aac(L-L)
 Wac
 Freq
 PF

Total Current Phase 1 A
 Phase 2 A
 Phase 3 A

The greater of rated or
 A
 A
 A

lthd	Current Harmonic	limit (%)
total	5	
2	1	
3	4	
4	1	
5	4	
6	1	
7	4	
8	1	
9	4	
10	1	
11	2	
12	0.5	
13	2	
14	0.5	
15	2	
16	0.5	
17	1.5	
18	0.375	
19	1.5	
20	0.375	
21	1.5	
22	0.375	
23	0.6	
24	0.15	
25	0.6	
26	0.15	
27	0.6	
28	0.15	
29	0.6	
30	0.15	
31	0.6	
32	0.15	
33	0.6	
34	0.15	
35	0.3	
36	0.075	
37	0.3	
38	0.075	
39	0.3	
40	0.075	
41	0.3	
42	0.075	
43	0.3	
44	0.075	
45	0.3	
46	0.075	
47	0.3	
48	0.075	
49	0.3	
50	0.075	

66% Current Level, Nom VDC								
phase 1			phase 2			phase 3		
magnitude (A)	percentage	pass/fail	magnitude (A)	percentage	pass/fail	magnitude (A)	percentage	pass/fail
0.76	1.763	pass	0.76	1.765	pass	0.82	1.889	pass
0.23	0.521	pass	0.10	0.231	pass	0.19	0.428	pass
0.06	0.144	pass	0.05	0.114	pass	0.05	0.115	pass
0.14	0.327	pass	0.18	0.418	pass	0.16	0.377	pass
0.24	0.554	pass	0.10	0.233	pass	0.19	0.446	pass
0.09	0.197	pass	0.05	0.126	pass	0.07	0.160	pass
0.32	0.750	pass	0.33	0.754	pass	0.43	0.996	pass
0.04	0.081	pass	0.03	0.065	pass	0.01	0.034	pass
0.08	0.176	pass	0.08	0.189	pass	0.08	0.192	pass
0.11	0.246	pass	0.09	0.219	pass	0.09	0.215	pass
0.23	0.525	pass	0.27	0.634	pass	0.26	0.594	pass
0.04	0.088	pass	0.01	0.023	pass	0.04	0.101	pass
0.45	1.040	pass	0.49	1.126	pass	0.47	1.094	pass
0.03	0.076	pass	0.02	0.046	pass	0.03	0.067	pass
0.04	0.101	pass	0.06	0.141	pass	0.03	0.059	pass
0.03	0.070	pass	0.04	0.091	pass	0.05	0.108	pass
0.12	0.287	pass	0.15	0.357	pass	0.13	0.311	pass
0.02	0.037	pass	0.01	0.024	pass	0.02	0.046	pass
0.14	0.334	pass	0.17	0.396	pass	0.15	0.346	pass
0.01	0.028	pass	0.02	0.048	pass	0.03	0.072	pass
0.02	0.041	pass	0.03	0.068	pass	0.02	0.042	pass
0.01	0.022	pass	0.02	0.045	pass	0.02	0.051	pass
0.07	0.165	pass	0.10	0.221	pass	0.08	0.178	pass
0.01	0.032	pass	0.02	0.042	pass	0.01	0.020	pass
0.05	0.111	pass	0.06	0.147	pass	0.05	0.126	pass
0.01	0.019	pass	0.02	0.055	pass	0.02	0.047	pass
0.02	0.042	pass	0.02	0.058	pass	0.01	0.034	pass
0.01	0.024	pass	0.02	0.041	pass	0.01	0.023	pass
0.05	0.115	pass	0.06	0.130	pass	0.05	0.111	pass
0.01	0.021	pass	0.01	0.032	pass	0.01	0.018	pass
0.03	0.073	pass	0.03	0.079	pass	0.05	0.107	pass
0.02	0.038	pass	0.02	0.047	pass	0.01	0.018	pass
0.01	0.028	pass	0.02	0.040	pass	0.01	0.017	pass
0.02	0.045	pass	0.02	0.048	pass	0.01	0.023	pass
0.02	0.048	pass	0.03	0.061	pass	0.02	0.035	pass
0.01	0.032	pass	0.01	0.034	pass	0.01	0.026	pass
0.05	0.108	pass	0.04	0.089	pass	0.05	0.119	pass
0.02	0.038	pass	0.01	0.034	pass	0.00	0.011	pass
0.01	0.032	pass	0.02	0.043	pass	0.00	0.007	pass
0.02	0.053	pass	0.02	0.055	pass	0.01	0.021	pass
0.02	0.049	pass	0.02	0.037	pass	0.01	0.027	pass
0.01	0.030	pass	0.02	0.042	pass	0.01	0.027	pass
0.05	0.110	pass	0.04	0.081	pass	0.05	0.112	pass
0.01	0.029	pass	0.01	0.016	pass	0.02	0.043	pass
0.01	0.026	pass	0.01	0.023	pass	0.01	0.013	pass
0.01	0.012	pass	0.02	0.043	pass	0.02	0.043	pass
0.03	0.074	pass	0.02	0.045	pass	0.03	0.071	pass
0.02	0.044	pass	0.03	0.061	pass	0.02	0.038	pass
0.03	0.077	pass	0.03	0.074	pass	0.03	0.061	pass
0.01	0.017	pass	0.01	0.026	pass	0.01	0.029	pass

Vthd Voltage thd

100% Current, Nominal DC Voltage Case

Rated Current A
 @Nom DC PV Voltage

Aac(L-L)
 Wac
 Freq
 PF

The greater of rated or
 A
 A
 A

Total Phase 1 A
 Current Phase 2 A
 Phase 3 A

Ithd Current Harmonic limit (%)

total	5
2	1
3	4
4	1
5	4
6	1
7	4
8	1
9	4
10	1
11	2
12	0.5
13	2
14	0.5
15	2
16	0.5
17	1.5
18	0.375
19	1.5
20	0.375
21	1.5
22	0.375
23	0.6
24	0.15
25	0.6
26	0.15
27	0.6
28	0.15
29	0.6
30	0.15
31	0.6
32	0.15
33	0.6
34	0.15
35	0.3
36	0.075
37	0.3
38	0.075
39	0.3
40	0.075
41	0.3
42	0.075
43	0.3
44	0.075
45	0.3
46	0.075
47	0.3
48	0.075
49	0.3
50	0.075

100% Current Level, Nom VDC								
phase 1			phase 2			phase 3		
magnitude (A)	percentage	pass/fail	magnitude (A)	percentage	pass/fail	magnitude (A)	percentage	pass/fail
0.84	1.930	pass	0.85	1.959	pass	0.89	2.059	pass
0.26	0.593	pass	0.14	0.334	pass	0.24	0.565	pass
0.04	0.099	pass	0.07	0.151	pass	0.07	0.159	pass
0.16	0.372	pass	0.17	0.383	pass	0.19	0.438	pass
0.30	0.688	pass	0.09	0.198	pass	0.21	0.493	pass
0.04	0.087	pass	0.05	0.119	pass	0.08	0.182	pass
0.33	0.755	pass	0.39	0.899	pass	0.45	1.041	pass
0.07	0.158	pass	0.13	0.297	pass	0.10	0.240	pass
0.07	0.154	pass	0.10	0.228	pass	0.11	0.257	pass
0.08	0.191	pass	0.07	0.173	pass	0.10	0.229	pass
0.21	0.478	pass	0.24	0.548	pass	0.22	0.505	pass
0.03	0.078	pass	0.01	0.034	pass	0.03	0.068	pass
0.51	1.173	pass	0.55	1.280	pass	0.52	1.209	pass
0.03	0.065	pass	0.05	0.111	pass	0.05	0.122	pass
0.04	0.085	pass	0.05	0.123	pass	0.04	0.083	pass
0.03	0.079	pass	0.03	0.077	pass	0.05	0.126	pass
0.14	0.329	pass	0.16	0.364	pass	0.12	0.284	pass
0.02	0.057	pass	0.01	0.023	pass	0.02	0.045	pass
0.18	0.407	pass	0.19	0.443	pass	0.17	0.396	pass
0.01	0.020	pass	0.03	0.078	pass	0.03	0.078	pass
0.02	0.046	pass	0.02	0.049	pass	0.01	0.029	pass
0.02	0.036	pass	0.03	0.075	pass	0.03	0.074	pass
0.09	0.217	pass	0.11	0.253	pass	0.08	0.179	pass
0.02	0.045	pass	0.01	0.026	pass	0.01	0.022	pass
0.06	0.147	pass	0.07	0.162	pass	0.07	0.152	pass
0.01	0.025	pass	0.02	0.055	pass	0.02	0.039	pass
0.01	0.031	pass	0.03	0.060	pass	0.02	0.038	pass
0.02	0.038	pass	0.03	0.068	pass	0.02	0.057	pass
0.06	0.138	pass	0.07	0.160	pass	0.05	0.115	pass
0.01	0.031	pass	0.01	0.032	pass	0.01	0.013	pass
0.03	0.076	pass	0.03	0.071	pass	0.04	0.086	pass
0.01	0.031	pass	0.02	0.038	pass	0.01	0.016	pass
0.01	0.021	pass	0.03	0.061	pass	0.02	0.040	pass
0.01	0.031	pass	0.03	0.058	pass	0.02	0.038	pass
0.03	0.069	pass	0.03	0.072	pass	0.01	0.034	pass
0.01	0.018	pass	0.02	0.040	pass	0.01	0.027	pass
0.05	0.113	pass	0.04	0.092	pass	0.05	0.113	pass
0.02	0.042	pass	0.02	0.041	pass	0.00	0.004	pass
0.01	0.017	pass	0.03	0.058	pass	0.02	0.039	pass
0.01	0.032	pass	0.02	0.051	pass	0.01	0.023	pass
0.03	0.064	pass	0.01	0.028	pass	0.02	0.058	pass
0.01	0.029	pass	0.03	0.062	pass	0.02	0.037	pass
0.07	0.155	pass	0.05	0.118	pass	0.06	0.138	pass
0.02	0.049	pass	0.01	0.029	pass	0.02	0.045	pass
0.01	0.014	pass	0.02	0.038	pass	0.01	0.026	pass
0.01	0.018	pass	0.02	0.037	pass	0.02	0.051	pass
0.04	0.101	pass	0.04	0.099	pass	0.05	0.118	pass
0.01	0.027	pass	0.03	0.069	pass	0.02	0.058	pass
0.05	0.108	pass	0.04	0.088	pass	0.04	0.092	pass
0.03	0.059	pass	0.01	0.021	pass	0.02	0.047	pass

Vthd

Voltage thd