



財團法人

台灣大電力研究試驗中心

Taiwan Electric Research &amp; Testing Center

再生能源實驗室

報告編號：DRT20210022

## 備註：

1. PV 系統頻率應與市電系統同步，在本標準第 5.2.2 節所定義之頻率失誤限制之內，其測試結果如附表 5.2.2。
2. 正常頻率-2 Hz 係為台電需求規範要求加測項目。

4.6. 附表：諧波及波形失真-主型 GW6000T-DS (220 V)				—
相序	L1	L2	L3	限制值(%)
THD	1.305	---	---	5.0
2	0.309	---	---	1.0
3	1.116	---	---	4.0
4	0.077	---	---	1.0
5	0.346	---	---	4.0
6	0.063	---	---	1.0
7	0.172	---	---	4.0
8	0.064	---	---	1.0
9	0.183	---	---	4.0
10	0.055	---	---	1.0
11	0.149	---	---	2.0
12	0.047	---	---	0.5
13	0.126	---	---	2.0
14	0.041	---	---	0.5
15	0.116	---	---	2.0
16	0.042	---	---	0.5
17	0.103	---	---	1.5
18	0.046	---	---	0.375
19	0.087	---	---	1.5
20	0.050	---	---	0.375
21	0.093	---	---	1.5
22	0.060	---	---	0.375
23	0.096	---	---	0.6
24	0.041	---	---	0.15
25	0.077	---	---	0.6
26	0.034	---	---	0.15
27	0.055	---	---	0.6
28	0.029	---	---	0.15
29	0.063	---	---	0.6
30	0.038	---	---	0.15
31	0.064	---	---	0.6
32	0.070	---	---	0.15
33	0.053	---	---	0.6
34	0.065	---	---	0.15
35	0.056	---	---	0.3
36	0.035	---	---	0.075
37	0.038	---	---	0.3
38	0.022	---	---	0.075
39	0.041	---	---	0.3
40	0.019	---	---	0.075



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4.6.	附表：諧波及波形失真-系列 GW5000T-DS (220 V)			—
相序	L1	L2	L3	限制值(%)
THD	2.065	---	---	5.0
2	0.426	---	---	1.0
3	1.902	---	---	4.0
4	0.074	---	---	1.0
5	0.236	---	---	4.0
6	0.070	---	---	1.0
7	0.169	---	---	4.0
8	0.066	---	---	1.0
9	0.188	---	---	4.0
10	0.068	---	---	1.0
11	0.168	---	---	2.0
12	0.059	---	---	0.5
13	0.182	---	---	2.0
14	0.060	---	---	0.5
15	0.148	---	---	2.0
16	0.052	---	---	0.5
17	0.164	---	---	1.5
18	0.066	---	---	0.375
19	0.144	---	---	1.5
20	0.073	---	---	0.375
21	0.163	---	---	1.5
22	0.058	---	---	0.375
23	0.150	---	---	0.6
24	0.058	---	---	0.15
25	0.126	---	---	0.6
26	0.048	---	---	0.15
27	0.109	---	---	0.6
28	0.037	---	---	0.15
29	0.119	---	---	0.6
30	0.047	---	---	0.15
31	0.091	---	---	0.6
32	0.088	---	---	0.15
33	0.110	---	---	0.6
34	0.079	---	---	0.15
35	0.077	---	---	0.3
36	0.045	---	---	0.075
37	0.079	---	---	0.3
38	0.025	---	---	0.075
39	0.072	---	---	0.3
40	0.023	---	---	0.075