



## GP12260 Testing Report for FOTROUSI

2007/10/16

**1. The purpose of testing:**

The real charge situation of testing GP12260 compared with 5 min rate in the specification.

**2. The sample of testing:**

GP12260 Date code: 071004B1\*2pcs.

**3. The criterion of testing:**

CSB specification (Table 1)

Table 1 CSB GP12260 specification

Constant Current Discharge Characteristics Unit:Amperes (25°C,77°F)												
F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	2HR	3HR	4HR	5HR	8HR	10HR	20HR
1.60V	105.83	69.00	52.83	32.67	19.58	11.50	8.14	6.37	5.24	3.46	2.82	1.47
1.67V	99.00	65.90	51.10	32.32	19.46	11.36	8.13	6.36	5.23	3.43	2.79	1.42
1.70V	95.70	64.60	50.40	32.17	19.40	11.30	8.12	6.35	5.22	3.42	2.78	1.41
1.75V	89.70	62.00	49.00	31.62	19.30	11.20	8.11	6.34	5.21	3.38	2.74	1.37
1.80V	83.33	59.42	47.50	31.08	19.20	11.10	8.10	6.33	5.19	3.35	2.70	1.33
1.85V	76.66	56.50	45.83	30.53	19.10	11.00	8.09	6.31	5.17	3.31	2.66	1.29

**4. The equipments of testing:**

5-1 Charger- GW GPR-3030D(30V3A).

5-2 IR measurement- HIOKI 3551.

5-3 Discharger- Shin Ying 150V, 150A.

**5. The steps of testing:**

6-1 C.V=13.80V/pcs I=0.1CA charged 24hr.

6-2 After full charge, the batteries hold 4 hours in the 25°C±5°C.

6-3 Inspected OCV, IR of batteries.

6-4 C.C 89.70A, F.V=10.50V/pcs (1.75V/cell) discharged.

6-5 Recorded the run time and discharge curve.



**6. The result of testing:**

7-1 GP12260 capacity testing result and discharge curve showed as below  
(Table 2 & Fig.1)

Table 2 Capacity testing result

OCV (V)	IR (mΩ)	Run time (min)
13.37	7.10	8.18

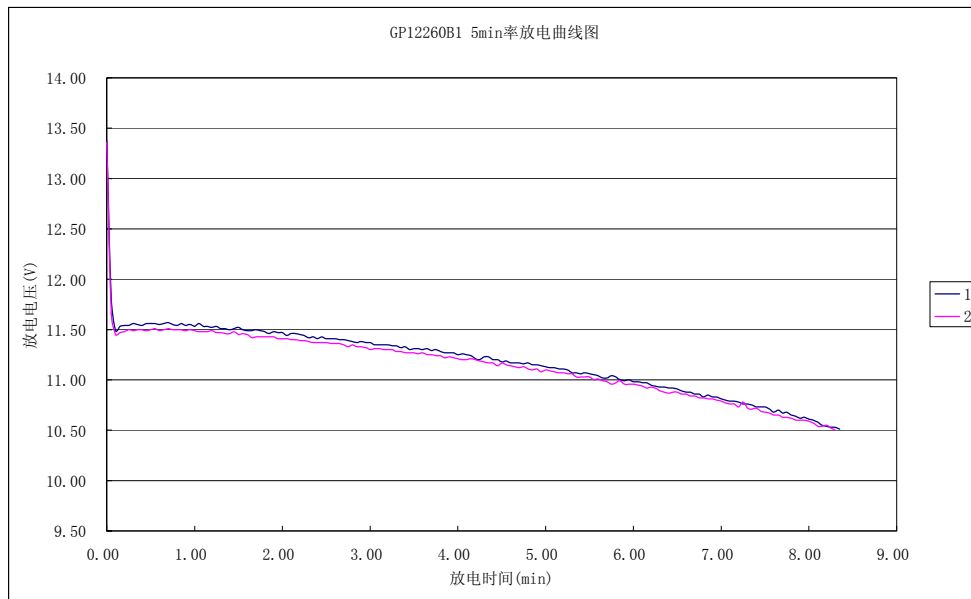


Fig. 1 GP12260 discharge curve

**7. Conclusion:**

GP12260 capacity testing result complied with CSB specification.