# AT 8612/8611 DC ELECTRONIC LOAD
## Input Rating Max 300V 30A
### Four wire (4W) remote testing function

**CHINESE/ENGLISH OPERATION**
264 (W) * 107 (H) * 350 (D)
UNIT: mm
**Weight: 5kg**

The AT8612/AT8611 DC electronic load is controlled by a high-performance ARM microprocessor and displayed in both Chinese and English menus.

**Provide four operating modes**: constant current (CC), constant voltage (CV), constant power (CP), and constant resistance (CR).

**8 testing functions**: Normal Test Function (NRM), Dynamic Test Function (TRN), Sequential List Test (SEQ), Automatic List Test (ATF), Battery Test Function (BAT), LED Load Test Function, OCP Test Function, OPP Test Function, and Short Circuit Test Function (SHT).

You can use the built-in file editor of the instrument or use the RS232 interface to edit sequential and automatic list files to complete efficient testing. In addition to testing general

- **Four working modes and eight testing functions**
- **Standard data acquisition software**
- **Fixed voltage, current, power, and resistance**



■ Power Supply 198VAC~252VAC  48.5Hz~52.5Hz  Power: maximum 15VA

linear power supplies and switching power supplies, AT8612/AT8611 is better suited for testing battery chargers and batteries, meeting the various requirements of power supply manufacturers.

| MODEL | AT8612 | | AT8611 |
|---|---|---|---|
| Input Rating | 300W / 300V / 30A | | 150W / 150V / 30A |
| CC | **0-3A:** Resolution：0.0001A Accuracy：0.1% ; | | **0-30A:** Resolution：0.001A Accuracy：0.2% |
| CV | **0-18V:** Resolution：0.001V Accuracy：0.05% ; | | **0-150V:** Resolution：0.01V Accuracy：0.05% |
| CP | **0-100W:** Resolution：0.001W Accuracy：1% ; | | **100W 以上:** Resolution：0.01W Accuracy：1% |
| CR | **0.1 ~ 99Ω:** Resolution：0.01Ω Accuracy：1% ; | | **100 ~ 4kΩ:** Resolution：0.1Ω Accuracy：1% |
| Monitor | Ampere meter  Accuracy 0.1%；Voltage Accuracy 0.05% | | |
| Short Circuit | Current：about 30A；Resistance：about 40mΩ | | |
| Speed | Fast 10 t/s，Medium 5 t/s，Slow 3 t/s | | |
| Dynamic test | 0.1Hz ~ 1kHz | | |
| List test | 10 files，100 steps/file | | |
| Integrated testing | 10 files，20 steps/file | | |
| Battery test | Measurement time up to 1000 hours, maximum display 999.99AH,also can display discharge time | | |
| Interface | Remote testing interface, external trigger input port, RS232 interface, optional interface RS485 | | |
| Protect | 5 level security protect | | |
| Others | LCD display，4W remoet test; intelligent cooling | | |
| Accessories | ATL509 Test cable，power cable; ATL108 RS232 Communication;ATS8612Data acquisition software; | | |

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