

LASER®

Part No. 6804

Thermal Printer

For Battery Testers



www.lasertools.co.uk

Introduction

The Laser 6804 Thermal Printer is designed to accompany the Laser 6803 Battery Tester and is a quick and convenient method of printing out the test results which can then be shown to the customer and kept with the service documentation.

It is a paper roll thermal printer which is powered by a Lithium Polymer battery; the battery is charged via the mains-powered charger provided. The battery should initially be charged for a minimum of 8 hours before using the thermal printer.

Specifications

- Thermal printer (thermal paper roll)
- Mini USB interface
- Lithium Polymer battery (7.4V 1200mAh)
- 'No paper' alarm
- Overheating protection
- Self-test print function
- Paper roll width: 55mm
- Battery charger: input 100-240V AC, output 9V DC, 1.5A

Controls

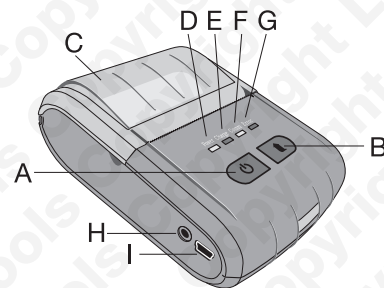


Fig 1

Ref.	Description
A	ON / OFF button
B	Paper feed / self-test
C	Paper roll cover
D	Power indicator light
E	Charging indicator light
F	Comms indicator light
G	Error warning light
H	Port (battery charger)
I	Port (Mini-USB)

Instructions

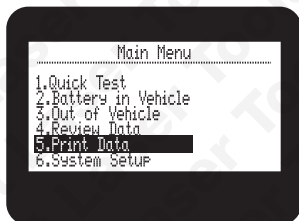


Fig 2

Refer to **Figure 2**: connect the **6803 Battery Tester** to the **6804 Thermal Printer** via the Mini-USB interface cable supplied with the printer. The battery tester will power up from the printer's battery.

Refer to **Figure 1**: switch on the thermal printer by pressing and holding the ON / OFF button (**A**) for approximately 1-2 seconds. The green power indicator light will illuminate.

On the main menu of the battery tester select **5.Print Data**, then press enter.



Instructions

The test results will be printed off. You may wish to press the paper feed button (**B**) to advance the paper forwards a few millimetres before tearing it off. One press of the button moves the paper forwards by approximately 12mm.

The printer is switched off by pressing and holding the ON / OFF button (**A**) for approximately 1-2 seconds.

When the printer paper roll runs out or there is an internal error, the red error warning light (**G**) will illuminate (plus audible beep warning).

Self-Test Function:

Switch on the printer and wait for approximately 10-15 seconds. Press and hold the Paper feed / self-test button (**B**) for approximately 1-2 seconds. The self-test will be printed which provides a number of different test parameters. A useful indicator on the self-test print out is the battery level, which gives a visual representation of the state of charge as well as the measured voltage.

Charging the internal battery:

The battery should initially be charged for a minimum of 8 hours before using the thermal printer. The battery is charged via the mains-powered charger provided, connecting the lead to the charging port (**H**) on the side of the thermal printer. The charge indicator light (**E**) will illuminate immediately to show that the battery is being charged. The charge indicator light (**E**) will go out when the battery is fully charged.

Instructions

Changing the paper roll:



Fig 3

Refer to **Figure 3**: lift up the paper roll cover to access and remove the paper roll. Drop in the new paper roll, leaving enough paper to come up over the tear-off blade. Close the cover then tear off the excess paper.

New paper rolls are available: Laser Part No. **5283**.

Changing the internal battery:



Fig 4

Refer to **Figure 4**: when refitting or replacing the battery be aware that the terminals are located on the lower left-hand side of the battery. After fitting the battery, make sure the battery cover is fitted correctly and firmly closed.

Precautions

- Always refer to instructions before use.
- Observe standard workshop safety procedures when using the thermal printer.
- Keep the print mechanism and paper roll clean and free from paper dust and paper scrap; clean regularly with compressed air (air duster).
- **Caution:** after using the printer, let it cool down before changing the paper roll or cleaning the mechanism; the internal print head platen gets very hot in use (burn risk).
- When working with or near a lead-acid battery make sure to remove personal metal items such as watch straps, rings, bracelets, necklaces, etc. A short across the battery terminal from one of the above could cause severe burns.
- Protect the thermal printer from prolonged exposure to humid or damp conditions.
- Ideal storing and operating temperature: 0°C to +50°C.
- Do not let the printer or tester get wet or use in damp or wet conditions.
- Dispose of printer battery according to local authority guidelines.
- Please keep away from children at all times (burn risk).



Safety First. Be Protected.

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If applicable, the applications database and any instructional information provided has been designed to offer general guidance for a particular tool's use and while all attention is given to the accuracy of the data no project should be attempted without referring first to the manufacturer's technical documentation (workshop or instruction manual) or the use of a recognised authority such as Autodata.

It is our policy to continually improve our products and thus we reserve the right to alter specifications and components without prior notice. It is the responsibility of the user to ensure the suitability of the tools and information prior to their use.



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Guarantee



Distributed by The Tool Connection Ltd
Kineton Road, Southam, Warwickshire CV47 0DR
T +44 (0) 1926 815000 F +44 (0) 1926 815888
info@toolconnection.co.uk www.toolconnection.co.uk

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