

Reference Manual

BTI-150 RackMount Regulated Power Supply

Preface:

Dear Customer,

We would like to congratulate you on the purchase of your new power supply!

You have chosen a product which combines precise technical features with an appealing design.

Please read this manual carefully and follow the instructions before and while you are using your new device.

Installation:

- Connect the unit to a suitable 120VAC outlet.
- Adjust the desired output range.
- Switch the unit on.
- Adjust the desired output voltage and output current.
- Connect the desired consumer load to the +, - and GND terminals.

Technical Specifications:

Power: 150W

Weight: 3.75kg

Size: 98x482x285mm (HxWxD)

Output-Voltage	Output-Current	Resolution
0~15VDC	0~10A	0.1 +/- 2bit
0~30VDC	0~5A	0.1 +/- 2bit
0~60VDC	0~2.5A	0.1 +/- 2bit

Operation: 120VAC ~ 60Hz

Output Ripple: max. 1%

Function Environment: (0~40) °C & max. 80% RH

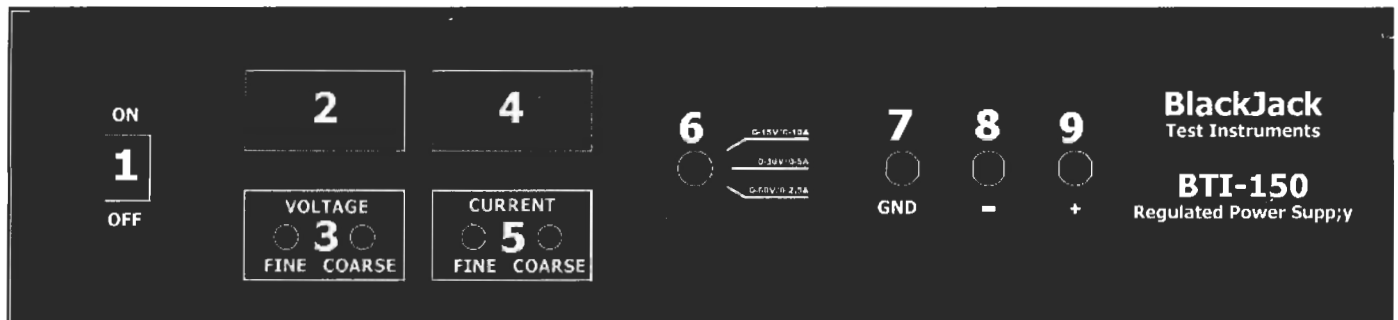
Capability Characteristics

- The output voltage is adjustable in three ranges.
- Integrated electric current - and voltage meters.
- Circuit is protected from current overload.

Safety Advice

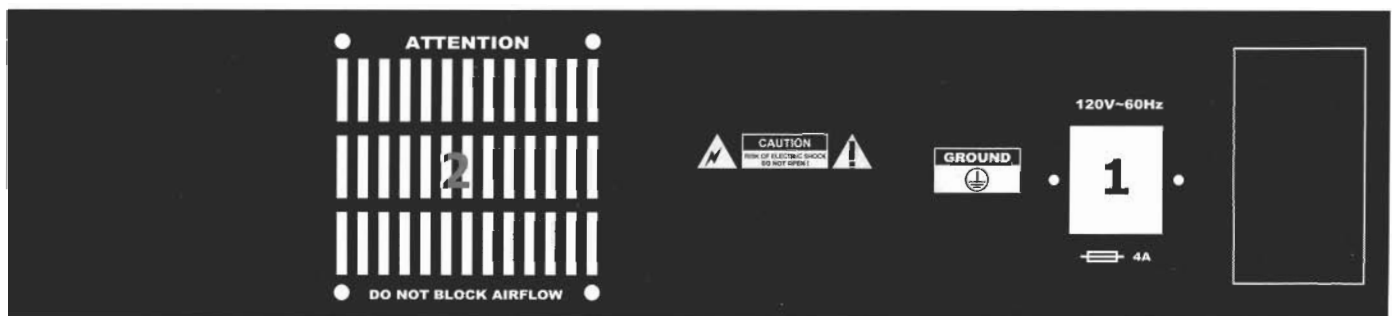
- Before using the unit, please check it for any possible damages.
- In case of damage do not operate unit.
- Unplug the unit if you do not use it for a long period of time.
- The unit should not be subjected to mechanical stress or be exposed to humidity.
- To ensure proper ventilation, do not cover the unit and protect it from direct solar radiation.
- Clean the unit with a dry and soft cloth only.
- Caution! Should the unit itself get damaged, please repair using a qualified service agent.
- Please dispose of packaging materials properly and do not let play children with them.
- The unit itself is not a toy. Do not let children play with it.

Front Panel:



1. On/Off-Switch.
2. Output signal display: It shows the effective output voltage.
3. Voltage: Precision adjuster and coarse adjuster.
4. Output signal display: It shows the effective output current..
5. Current: Precision adjuster and coarse adjuster.
6. Toggle for the output signal ranges.
7. GND Terminal. Grounding
8. - Terminal. Negative outlet.
9. + Terminal. Positive outlet.

Rear Panel:



1. Connector for the power supply cable.
2. Ventilation fence.