

FLUKE®

BC430 Battery Charger / Power Adapter

Instruction Sheet

Specifications

- Universal switchable adapter 115 V $\pm 10\%$ or 230V $\pm 10\%$.
115V Switch position is suitable for use on 100V $\pm 10\%$ mains systems when used with Fluke-43x/006 only.
- Line frequency: 50 and 60 Hz
- Output voltage: 17.8 V
- Output current: 840 mA.
- Output plug: 5-mm power jack per DIN 45232.
- Plus (+) voltage connected to outer contact of the 5-mm power jack.
- Operating temperature: 0 to +40 °C (32 °F to 104 °F).

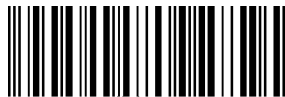
Safety

600 V Measurement Category IV, Pollution Degree 2, protection class II (double insulation), per:

- EN61010-1 2nd edition
- CAN/CSA-C22.2 No. 1010.1

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Symbols

International electrical symbols used are explained below.

| | |
|---|--------------------------------------|
|  | See explanation on Instruction Sheet |
|  | DOUBLE INSULATION (Protection Class) |
|  | Conformité Européenne |
|  | Safety approval USA / Canada |
|  | Safety approval Japan |

Operation

Please read these instructions carefully before using the Battery Charger/Power Adapter BC430.

Warning

To avoid electrical shock or fire, use the Battery Charger/Power Adapter BC430 only as replacement part if the BC430 is specified for your Fluke instrument.

Use the supplied line plug adapter with this instrument only.

To avoid electrical shock, connect the Battery Charger/Power Adapter to the AC outlet before connection to your Fluke instrument.

The Battery Charger/Power Adapter operates the Fluke instrument from local line voltage.

Do not open the BC430, it is not serviceable.

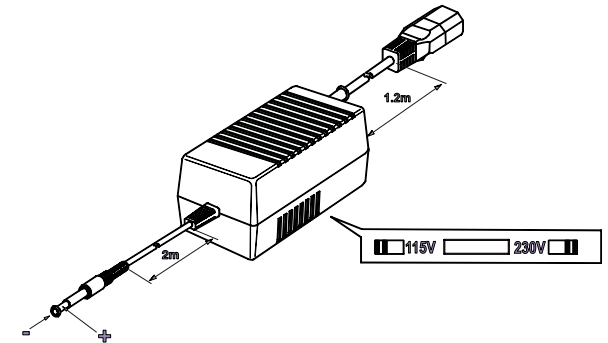
The BC430 accommodates connection to various line voltages, line frequencies and line power sockets worldwide.

Therefore the adapter is equipped with a female plug that must be connected to a line cord or line plug adapter appropriate for local use. Since the adapter is double isolated, the line cord or line plug adapter does not need to be equipped for connection to protective ground. Anyhow line cords with a protective grounding terminal may also be used.

The Battery Charger/Power Adapter BC430 is equipped with a switch, which allows selection of the voltage range.

Before use, check that the selected range matches the local line power voltage and frequency.

The BC430 includes a compact USA line plug adapter.



Caution

For use in the U.S.A., the voltage selector must be placed in the 115V position. For use in other countries than the U.S.A., the voltage selector may need to be placed in other than the 115V position (see Figure 1). Confirm the voltage available before you connect the BC430 to the mains.

For connection to the mains outlet, use a power cord or line plug adapter that complies with national standards.

Limited Warranty & Limitation of Liability

Each Fluke product is warranted to be free from defects in material and workmanship under normal use and service. The warranty period is one year and begins on the date of shipment. Parts, product repairs and services are warranted for 90 days. This warranty extends only to the original buyer or end-user customer of a Fluke authorized reseller, and does not apply to fuses, disposable batteries or to any product which, in Fluke's opinion, has been misused, altered, neglected or damaged by accident or abnormal conditions of operation or handling. Fluke warrants that software will operate substantially in accordance with its functional specifications for 90 days and that it has been properly recorded on non-defective media. Fluke does not warrant that software will be error free or operate without interruption.

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To obtain warranty service, contact your nearest Fluke authorized service center or send the product, with a description of the difficulty, postage and insurance prepaid (FOB Destination), to the nearest Fluke authorized service center. Fluke assumes no risk for damage in transit. Following warranty repair, the product will be returned to Buyer, transportation prepaid (FOB Destination). If Fluke determines that the failure was caused by misuse, alteration, accident or abnormal condition of operation or handling, Fluke will provide an estimate of repair costs and obtain authorization before commencing the work. Following repair, the product will be returned to the Buyer transportation prepaid and the Buyer will be billed for the repair and return transportation charges (FOB Shipping Point).

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