

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

June 2004
© 2004 Fluke Corporation. All rights reserved.
Printed in The Netherlands. All product names are trademarks of their respective companies.



482287230761

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.

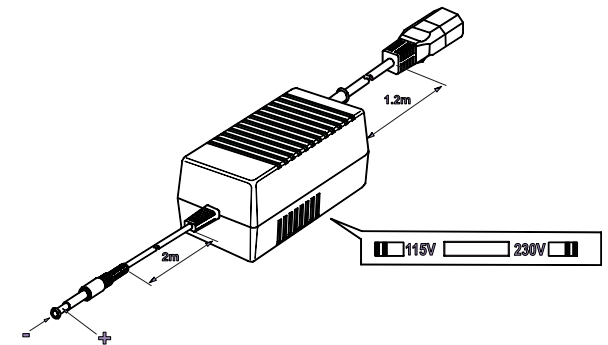
The BC430 accommodates connection to various line voltages, line frequencies and line power sockets worldwide.

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.

Fluke authorized resellers shall extend this warranty on new and unused products to end-user customers only but have no authority to extend a greater or different warranty on behalf of Fluke. Warranty support is available if product is purchased through a Fluke authorized sales outlet or Buyer has paid the applicable international price. Fluke reserves the right to invoice Buyer for importation costs of repair/replacement parts when product purchased in one country is submitted for repair in another country.

Fluke's warranty obligation is limited, at Fluke's option, to refund of the purchase price, free of charge repair, or replacement of a defective product which is returned to a Fluke authorized service center within the warranty period.

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).

THIS WARRANTY IS BUYER'S SOLE AND EXCLUSIVE REMEDY AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. FLUKE SHALL NOT BE LIABLE FOR ANY SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES OR LOSSES, INCLUDING LOSS OF DATA, WHETHER ARISING FROM BREACH OF WARRANTY OR BASED ON CONTRACT, TORT, RELIANCE OR ANY OTHER THEORY.

Since some countries or states do not allow limitation of the term of an implied warranty, or exclusion or limitation of incidental or consequential damages, the limitations and exclusions of this warranty may not apply to every buyer. If any provision of this Warranty is held invalid or unenforceable by a court of competent jurisdiction, such holding will not affect the validity or enforceability of any other provision.

Fluke Corporation
P.O. Box 9090
Everett WA 98206-9090
USA.

Fluke Industrial B.V.
P.O. Box 90
7600 AB Almelo
The Netherlands

Service Centers

To locate an authorized service center, visit us on the World Wide Web:

<http://www.fluke.com>

or call Fluke using any of the phone numbers listed below:

+1-888-993-5853	in USA and Canada
+31-40-2675200	in Europe
+1-425-446-5500	from other countries