

In Case of Difficulty

For service help or to contact Fluke for any reason, call one of the following telephone numbers:

FLUKE®

BC7217-120

BC7217-INTL

Battery Chargers

Instruction Sheet

LIMITED WARRANTY & LIMITATION OF LIABILITY

This Fluke product will be free from defects in material and workmanship for one year from the date of purchase. This warranty does not cover fuses, disposable batteries or damage from accident, neglect, misuse or abnormal conditions of operation or handling. Resellers are not authorized to extend any other warranty on Fluke's behalf. To obtain service during the warranty period, send your defective tester to the nearest Fluke Authorized Service Center with a description of the problem.

THIS WARRANTY IS YOUR ONLY REMEDY. NO OTHER WARRANTIES, SUCH AS FITNESS FOR A PARTICULAR PURPOSE, ARE EXPRESSED OR IMPLIED. FLUKE IS NOT LIABLE FOR ANY SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES OR LOSSES, ARISING FROM ANY CAUSE OR THEORY. Since some states or countries do not allow the exclusion or limitation of an implied warranty or of incidental or consequential damages, this limitation of liability may not apply to you.

Introduction

The Fluke BC7217 Battery Charger charges Fluke BP72XX series Nickel-Cadmium and Nickel-Metal-Hydrate battery packs for handheld test tools. The BC7217 consists of a charger base and a power supply.

Connecting the Charger to Line Power

Model BC7217-120, Model BC7217-INTL

Connect the wall adapter to line power within the following range: 90 to 264V ac, 47 to 63 Hz. Plug the barrel connector into the charger dc input jack as shown in Figure 1.

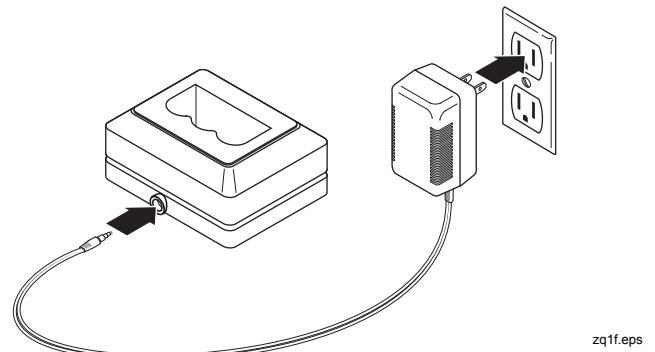


Figure 1. Connecting the Charger to Line Power

Charging the Battery

Note

Sometimes a new battery needs several charge/discharge cycles before it performs to full capacity.

Before you use a new battery for the first time, charge it fully. Connect the charger to line power and place the battery in the charger as shown in Figure 2. You can leave the battery pack on trickle-charge indefinitely without damage. The charger will not overcharge a battery, even if you reinsert a charged battery.

- Nickel-Cadmium Battery

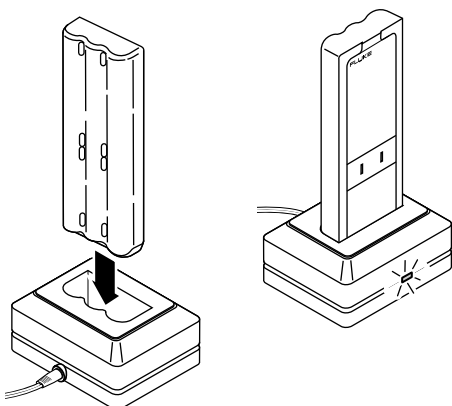
To obtain a full charge, charge the battery until the indicator blinks (approximately 1-1/2 hours).

- Nickel-Metal Hydride Battery

To obtain a full charge, charge the battery until the indicator blinks (approximately 2-1/2 hours), then leave it in the charger 3 more hours for a full charge.

Note

When you remove a charged battery from the charger, wait for the blinking indicator to go off before you insert a discharged battery. It takes about 2 seconds for the battery charger to reset.



zq2f.eps

Figure 2. Inserting the Battery

When to Charge

Wait until the battery is fully discharged before you charge the battery. The battery will retain its charge longer.

Charge Mode Indicator

The red indicator light on the side of the charger shows the status of the battery charge cycle as follows:

- Off

The battery is not inserted, or it is inserted incorrectly, power is disconnected or not available, or the internal fuse is blown.

- Steady on

High-current fast charge mode.

- Blinking (50% duty cycle)

Nickel-Cadmium battery: trickle-charge mode.

Nickel-Metal Hydride battery: pulsed charge for the first 3 hours after blinking starts, then trickle-charge mode.

- Blinking (less than 50% duty cycle)

Pre-charge delay for proper battery temperature or voltage conditions.

Internal Fuse

An internal fuse is soldered in place. If the charger indicator does not go on when a battery is installed, this fuse may be blown. The fuse cannot be replaced by the user.

Specifications

BC7217-120, BC-7217-INTL:

Wall Adapter: Input Voltage: 90 to 264 V ac
Input Voltage Frequency: 47 to 63 Hz
Output Voltage: 15 V dc, 2 A
Line power adapters: North America/Japan, Europe, UK, Australia
Safety Approvals: UL, CSA and TUV

Both Models:

Charger Input Voltage: 14 to 20 V dc

DC Power Plug Polarity:  Ring Negative
Center Positive

Temperature: Operating: 0 to 40 °C
Storage: -20 to 70 °C

Humidity (noncondensing):

Operating: 0 to 90% R.H.
Storage: 5 to 95% R.H.