



# INSTRUCTION MANUAL

**A382**

Battery Charger for A385 Constant  
Current Stimulus Isolator

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# INSTRUCTIONS

## A385 Battery Status

Green lamp, high, indicates battery is charged. Yellow lamp, low, indicates battery stack should be charged. Red lamp, depleted, indicates battery is discharged. An audible tone will sound at 10 second intervals. Permanent damage to the battery stack can result if battery cells are depleted without being promptly recharged.

## Charging the batteries

Model A382 is designed to recharge the battery stack of the A385 rapidly and safely. The charger cable plugs into the charging receptacle on the rear panel of the A385 isolator. Connect the charger's power cord to the power line. The POWER switch on A385 must be OFF to enable charger operation. Three red lamps on the charger panel (one lamp for each pair of batteries in the isolator) will light during an initial rapid charge phase. As the batteries accept charge, the red lamps will extinguish and the charger then continues to charge at a lower current. The A385 battery stack will usually recharge in a few hours from a completely discharged state.

Disconnect the battery charging cable from the A385 while the instrument is in use. This avoids the possibility that power line noise will be introduced via the charger cable.

To preserve battery life, turn power switch off when instrument is not in use. Do not allow batteries to remain in a depleted state without recharge.



WORLD PRECISION INSTRUMENTS, LLC.  
Telephone: (941) 371-1003 Fax: (941) 377-5428  
e-mail [wpi@wpiinc.com](mailto:wpi@wpiinc.com)

### DECLARATION OF CONFORMITY CE

We: World Precision Instruments, Inc.  
175 Sarasota Center Boulevard  
Sarasota, FL 34240-9258, USA

as the manufacturer/distributor of the apparatus listed, declare under sole responsibility that the product(s):

**A382**

To which this declaration relates is/are in conformity with the following standards or other normative documents:

**Low Voltage Directive (Safety) 2014/35/EU:**

- EN 61010-1:2010+A1:2019

**EMC Directive 2014/30/EU:**

- EN IEC 61326-1:2021
- EN IEC 61326-2-3:2021
- EN IEC 61000-3-2:2019+A1:2021
- EN IEC 61000-3-3:2013+A2:2021

  
Cory Boyes / Director of Design and  
Development

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**Europe Representative**  
Mr Andrew Waldes  
Managing Director  
World Precision Instruments Germany GmbH,  
Pfingstweide 16, 61169 Friedberg, Germany

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# Warranty

WPI (World Precision Instruments, Inc.) warrants to the original purchaser that this equipment, including its components and parts, shall be free from defects in material and workmanship for a period of one year from the date of receipt. WPI's obligation under this warranty shall be limited to repair or replacement, at WPI's option, of the equipment or defective components or parts upon receipt thereof f.o.b. WPI, Sarasota, Florida U.S.A. Return of a repaired instrument shall be f.o.b. Sarasota.

The above warranty is contingent upon normal usage and does not cover products which have been modified without WPI's approval or which have been subjected to unusual physical or electrical stress or on which the original identification marks have been removed or altered. The above warranty will not apply if adjustment, repair or parts replacement is required because of accident, neglect, misuse, failure of electric power, air conditioning, humidity control, or causes other than normal and ordinary usage.

To the extent that any of its equipment is furnished by a manufacturer other than WPI, the foregoing warranty shall be applicable only to the extent of the warranty furnished by such other manufacturer. This warranty will not apply to appearance terms, such as knobs, handles, dials or the like.

WPI makes no warranty of any kind, express or implied or statutory, including without limitation any warranties of merchantability and/or fitness for a particular purpose. WPI shall not be liable for any damages, whether direct, indirect, special or consequential arising from a failure of this product to operate in the manner desired by the user. WPI shall not be liable for any damage to data or property that may be caused directly or indirectly by use of this product.

## Claims and Returns

- Inspect all shipments upon receipt. Missing cartons or obvious damage to cartons should be noted on the delivery receipt before signing. Concealed loss or damage should be reported at once to the carrier and an inspection requested. All claims for shortage or damage must be made within 10 days after receipt of shipment. Claims for lost shipments must be made within 30 days of invoice or other notification of shipment.

Please save damaged or pilfered cartons until claim settles. In some instances, photographic documentation may be required. Some items are time sensitive; WPI assumes no extended warranty or any liability for use beyond the date specified on the container.

- WPI cannot be held responsible for items damaged in shipment en route to us. Please enclose merchandise in its original shipping container to avoid damage from handling. We recommend that you insure merchandise when shipping. The customer is responsible for paying shipping expenses including adequate insurance on all items returned.
- Do not return any goods to WPI without obtaining prior approval and instructions (RMA#) from our returns department. Goods returned unauthorized or by collect freight may be refused. The RMA# must be clearly displayed on the outside of the box, or the package will not be accepted. Please contact the RMA department for a request form.
- Goods returned for repair must be reasonably clean and free of hazardous materials.
- A handling fee is charged for goods returned for exchange or credit. This fee may add up to 25% of the sale price depending on the condition of the item. Goods ordered in error are also subject to the handling fee.
- Equipment which was built as a special order cannot be returned.
- Always refer to the RMA# when contacting WPI to obtain a status of your returned item.
- For any other issues regarding a claim or return, please contact the RMA department

***Warning: This equipment is not designed or intended for use on humans.***



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