

# GDS-122 RECHARGEABLE BATTERY PACK

Part No. 82DS-12201M0



This battery pack is for use with the GDS-122 oscilloscope. The 7.4VDC/3500mAh battery pack consists of an array of Lithium ion battery cells.

The GDS-122 oscilloscope is designed to work with the rechargeable battery pack. A fully charged pack will provide three hours of battery life. Please read the following notes before operation.

## Safety Summary

To avoid potential hazards, use this product only as specified.

Recharge Battery Properly	Recharge the battery pack only from the oscilloscope at the recommended temperature (0°C~50°C).
Do not operate without covers:	Do not operate this product with covers or panels removed.
Do not operate with suspected failures	If you suspect there is damage to this oscilloscope, have it inspected by qualified service personal.
Do not operate in wet/damp conditions.	
Do not operate in an explosive atmosphere.	
Keep oscilloscope surfaces clean and dry.	

## Battery Recycling

This battery pack contains two Lithium ion (Li-ion) batteries which must be recycled or disposed of properly at the end of battery's life. There may be specific legal requirements for battery collection and disposal in your area. Contact your local electronics recycler, relevant legal



authority, or official representative for assistance in recycling of the battery pack.

**Battery Replacement and Installation Procedure**

To avoid potential hazards, use this product only as specified.

**Note** Replacement of the battery is an easy procedure that can be performed with basic equipment. Please note that the serial number on the face of the old battery must be transferred to the new battery to retain warranty and service records. The serial number location is shown below.

Serial number location



Equipment

- Phillips screw driver x 1
- Hobby knife x 1
- Super glue (or any plastic bonding epoxy)

Replacement Procedure

1. Remove the protective rubber casing.
2. Remove three retaining screws on the rear.



3. Take out the hinge assembly and rear stand.
4. Remove the four screws under the rear stand.



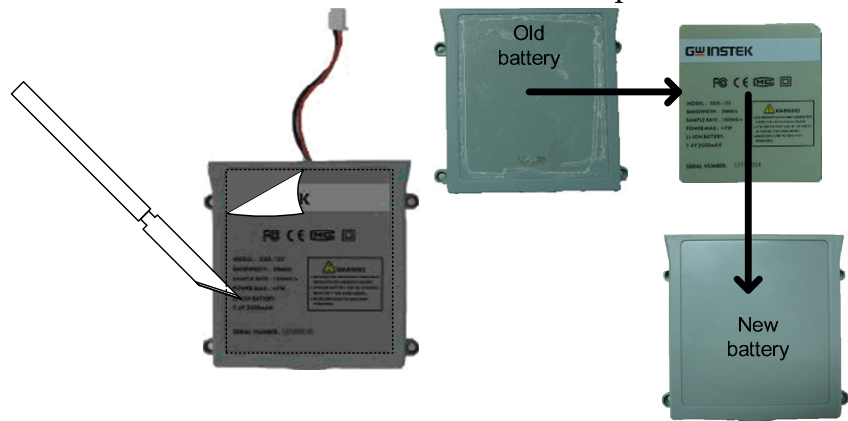
5. Take the battery off.  
Remove the battery lead from its socket.

6. The battery is ready for replacement.



7. Use a hobby knife to peel the plastic sticker from the original battery.

8. Transfer the sticker to the new battery. Use super glue sparingly if necessary to affix the sticker in place.



9. Install the new battery using the reverse procedure of the removal of the old battery.

**Charging the Battery Pack**

To avoid potential hazards, use this product only as specified.

Note                                      The Battery Pack needs to be fully charged for first-time use. The battery pack begins to charge as soon as the oscilloscope is connected to external AC power source. It takes FOUR hours to fully charge the battery when oscilloscope is turned OFF.

    The battery pack stops charging under the following conditions:

- The battery pack is fully charged.
- The battery pack temperature exceeds the operation temperature specification in the below table.

Configuration	<b>Configuration</b>	<b>Typical charging time</b>
	Battery pack charging in oscilloscope with oscilloscope turned OFF	4 hours
Specifications	<b>Battery Output for each one</b>	<b>7.4VDC, 3500mAh</b>
	Operating Temperature	0 °C~50 °C, discharging and charge
	Storage Temperature	-20 °C ~+60 °C

**Warranty**

GWInstek warrants that the products that it manufactures and sells will be free from defects in materials and workmanship for a period of three (3) months from the date of shipment from authorized GWInstek representatives. If a product proves defective within the replacement period, GWInstek will repair or provide a replacement as described in the complete warranty statement.

EXCEPT AS PROVIDED IN THIS DOCUMENT OR IN THE APPLICABLE WARRANTY STATEMENT, GWINSTEK MAKES NO WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL GW INSTEK BE LIABLE FOR INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES.