INTRODUCTION

The LTWI-BATCHG125 is a seven-bay charger for charging the LTWI-BAT50 and LTWI-BAT150 rechargeable battery packs. It is able to charge up to five Belt Packs and two LTWI-BAT50 rechargeable battery packs either separately or together. It takes approximately 4.5 hours to fully charge. Using the Belt Pack/LTWI-BAT150 two-way bays, up to two LTWI-BAT150 rechargeable battery packs can be charged instead of the two Belt Packs. LEDs indicate the charging status at all times.

LTWI-BATCHG125 BATTERY CHARGER EQUIPMENTS



LTWI-BATCHG125 Battery Charger



AC Power Supply

CHARGING ITEMS



LTWI-BAT50
Rechargeable Battery Pack



LTWI-BP550/250/150
Belt Packs



LTWI-BAT150
Rechargeable Battery Pack

LTWI-BATCHG125

Battery Charger
Operating Instructions

LAON
Technology Co., Ltd.

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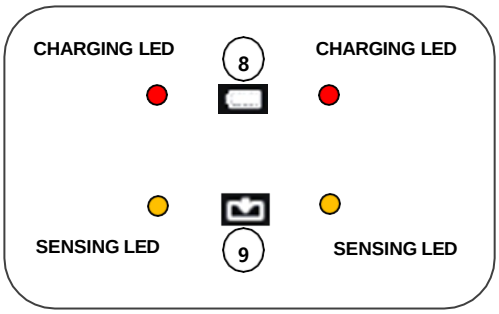
EQUIPMENT OVERVIEW



[Figure 1: LTWI-BATCHG125 Battery Charger]

1. Three stations for charging Belt Pack not separating the LTWI-BAT50 rechargeable battery pack from the Belt Pack body
2. Two stations for charging either Belt Packs or LTWI-BAT150 rechargeable battery pack
3. Two stations for charging LTWI-BAT50 rechargeable battery pack
4. Charging LED (Red/Green) and Sensing LED(Amber) for each Belt Pack
5. Charging LED (Red/Green) and Sensing LED(Amber) for each LTWI-BAT150 rechargeable battery pack
6. Charging LED (Red/Green) and Sensing LED(Amber) for each LTWI-BAT50 rechargeable battery pack
7. Power LED



[Figure 2: Status LEDs]

8. Charging LED (Red/Green)
9. Sensing LED (Amber)

INTRODUCTION

The LTWI-BATCHG125 is a seven-bay charger for charging the LTWI-BAT50 and LTWI-BAT150 rechargeable battery packs. It is able to charge up to five Belt Packs and two LTWI-BAT50 rechargeable battery packs either separately or together. It takes approximately 4.5 hours to fully charge. Using the Belt Pack/LTWI-BAT150 two-way bays, up to two LTWI-BAT150 rechargeable battery packs can be charged instead of the two Belt Packs. LEDs indicate the charging status at all times.

LTWI-BATCHG125 BATTERY CHARGER EQUIPMENTS



LTWI-BATCHG125 Battery Charger



AC Power Supply

CHARGING ITEMS



LTWI-BAT50
Rechargeable Battery Pack



LTWI-BP550/250/150
Belt Packs



LTWI-BAT150
Rechargeable Battery Pack

CHARGING LED ( )		SENSING LED ( )	
RED ON	: CHARGING	AMBER ON	: NO BATTERY
RED FLASHING	: FAILED	AMBER FLASHING	: BATTERY IS HOT
GREEN ON	: READY		

[Figure 3: LED indication Label]

10. LED indication Label



[Figure 4: Rear panel of the LTWI-BATCHG125 battery charger]

11. Power connector

12. Power switch

LTWI-BATCHG125 BATTERY CHARGER SETUP

Step 1: Plug the DC cable of the enclosed wall-adapter power supply into the 12V DC power connector (#11) on the rear panel of the LTWI-BATCHG125 unit. Plug the other end of the power code into a standard wall outlet.

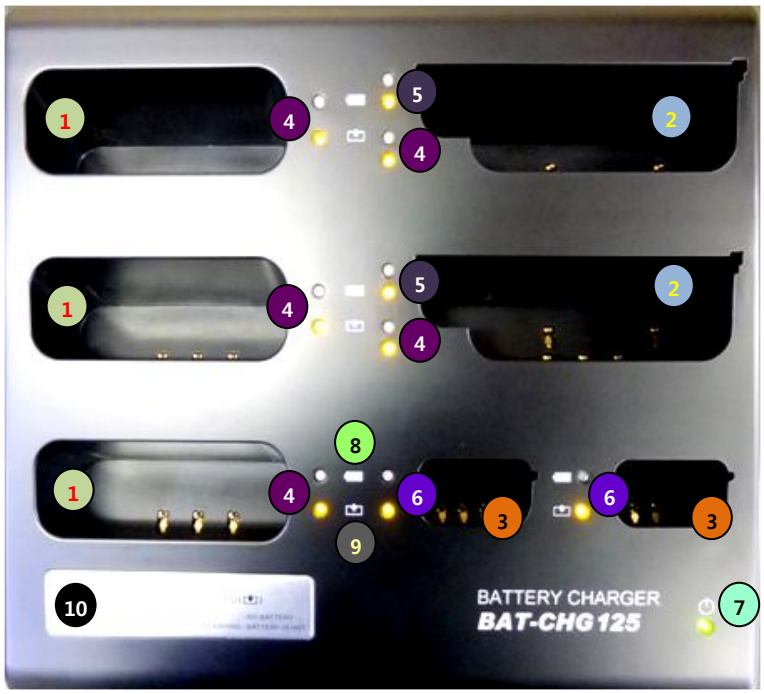
Step 2: Toggle the POWER switch (#12) on the rear panel of the LTWI-BATCHG125 to power on. Then a green power LED (#7) should go on. While plugged in, the power LED will stay on.

HOW TO USE LTWI-BATCHG125 BATTERY CHARGER

CHARGING BELT PACKS

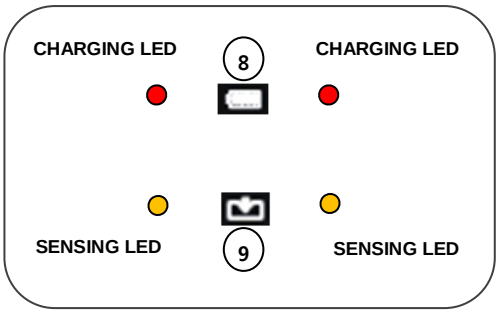
1. Ensure that the LTWI-BAT50 rechargeable battery pack is installed correctly inside of the Belt Pack you need to charge.
2. Confirm that the Belt Pack is turned off. Belt Packs will not be charged properly while the power is on.

EQUIPMENT OVERVIEW



[Figure 1: LTWI-BATCHG125 Battery Charger]

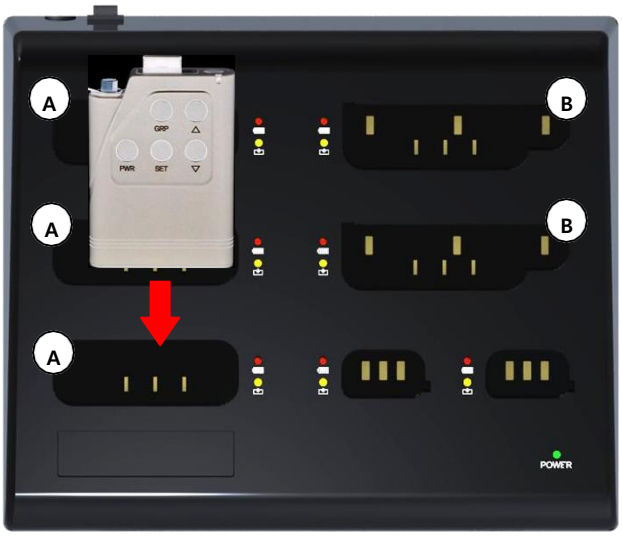
1. Three stations for charging Belt Pack not separating the LTWI-BAT50 rechargeable battery pack from the Belt Pack body
2. Two stations for charging either Belt Packs or LTWI-BAT150 rechargeable battery pack
3. Two stations for charging LTWI-BAT50 rechargeable battery pack
4. Charging LED (Red/Green) and Sensing LED(Amber) for each Belt Pack
5. Charging LED (Red/Green) and Sensing LED(Amber) for each LTWI-BAT150 rechargeable battery pack
6. Charging LED (Red/Green) and Sensing LED(Amber) for each LTWI-BAT50 rechargeable battery pack
7. Power LED



[Figure 2: Status LEDs]

8. Charging LED (Red/Green)
9. Sensing LED (Amber)

3. Put the Belt Packs into the proper charging bays. As shown from the Figure 5, the three ports of (A) are dedicated stations for Belt Packs and the two ports of (B) are two-way stations for either Belt Packs or LTWI-BAT150 rechargeable batteries.
4. By docking the Belt Packs or Batteries, confirm that the amber sensing LED is off and the red charging LED is steady on.



[Figure 5: Put the Belt Pack into the charging bay (A) and or (B)]

ALERT!

Do not attempt to charge any batteries other than maker designated rechargeable NiMH batteries otherwise, it may cause damages. If you attempt to charge alkaline battery into the charger, a red charging LED will be blinking to alert a warning.

CHARGING LTWI-BAT50 RECHARGEABLE BATTERY PACKS

1. Put LTWI-BAT50 rechargeable battery packs into the proper charging bays. As shown from the Figure 6, the two ports of (C) are dedicated stations for LTWI-BAT50 rechargeable battery.
2. Confirm that the amber sensing LED is off and the red charging LED is steady on by docking the battery.

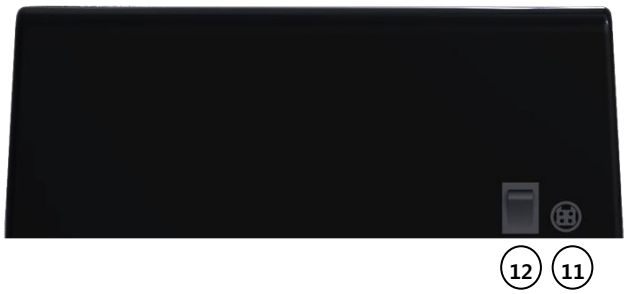


[Figure 6: Put the LTWI-BAT50 Rechargeable Battery Pack in the charging bay (C)]

CHARGING LED ( )		SENSING LED ( )	
RED ON	: CHARGING	AMBER ON	: NO BATTERY
RED FLASHING	: FAILED	AMBER FLASHING	: BATTERY IS HOT
GREEN ON	: READY		

[Figure 3: LED indication Label]

10. LED indication Label



[Figure 4: Rear panel of the LTWI-BATCHG125 battery charger]

11. Power connector

12. Power switch

LTWI-BATCHG125 BATTERY CHARGER SETUP

Step 1: Plug the DC cable of the enclosed wall-adapter power supply into the 12V DC power connector (#11) on the rear panel of the LTWI-BATCHG125 unit. Plug the other end of the power code into a standard wall outlet.

Step 2: Toggle the POWER switch (#12) on the rear panel of the LTWI-BATCHG125 to power on. Then a green power LED (#7) should go on. While plugged in, the power LED will stay on.

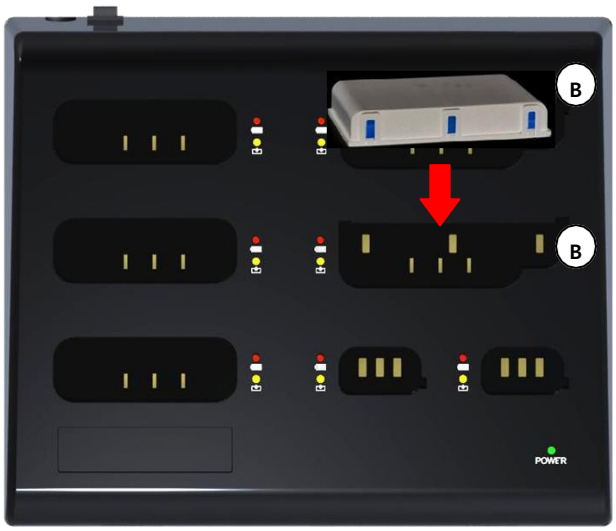
HOW TO USE LTWI-BATCHG125 BATTERY CHARGER

CHARGING BELT PACKS

1. Ensure that the LTWI-BAT50 rechargeable battery pack is installed correctly inside of the Belt Pack you need to charge.
2. Confirm that the Belt Pack is turned off. Belt Packs will not be charged properly while the power is on.

CHARGING LTWI-BAT150 RECHARGEABLE BATTERY PACKS

1. Put LTWI-BAT150 rechargeable battery pack into the proper charging bays. As shown from the Figure 7, the two ports of (B) are the two-way stations for either LTWI-BAT150 rechargeable battery or Belt Pack.
2. Confirm that the amber sensing LED is off and the red charging LED is steady on by docking the battery.



[Figure 7: Put the LTWI-BAT150 Rechargeable Battery Pack into the charging bay (B)]

CHARGING AND SENSING LEDs

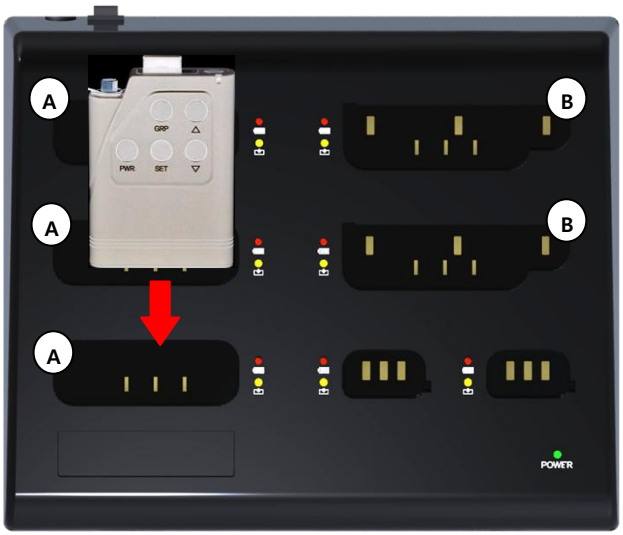
The indications of battery status LEDs next to each charging station are as follows;

- Sensing LEDs in amber next to each charging station stay on while the bay is empty. When a Belt Pack, LTWI-BAT150 or LTWI-BAT50 rechargeable battery is inserted properly in each of the relevant bay, sensing LED of the relevant charging station should go off and the charging LED goes on in red.
  If the sensing LED in amber is steady on after a battery is inserted in a charging station, there may be a defect on either the rechargeable battery pack or LTWI-BATCHG125 battery charger. The issue may be detected with the following tests;
  Try to put the relevant battery pack 'A' into other bays. If the amber sensing LED is steady on, try to put another battery pack 'B' into the same bay. If the amber sensing LED goes off and red charging LED goes on, it indicates that the battery pack 'A' is faulty. If the amber sensing LED is still steady on when the battery pack 'B' is inserted, it indicates that the LTWI-BATCHG125 battery charger is faulty.

- When a battery is in a bay and the sensing LED flashes in amber, it indicates that the battery is too "HOT". In this case, please remove the battery from the charger and cool it down.

NOTE: When the amber sensing LED blinks, the battery charger will quit the charging automatically. The LED keeps blinking if the battery is not removed.

3. Put the Belt Packs into the proper charging bays. As shown from the Figure 5, the three ports of (A) are dedicated stations for Belt Packs and the two ports of (B) are two-way stations for either Belt Packs or LTWI-BAT150 rechargeable batteries.
4. By docking the Belt Packs or Batteries, confirm that the amber sensing LED is off and the red charging LED is steady on.



[Figure 5: Put the Belt Pack into the charging bay (A) and or (B)]

ALERT!

Do not attempt to charge any batteries other than maker designated rechargeable NiMH batteries otherwise, it may cause damages. If you attempt to charge alkaline battery into the charger, a red charging LED will be blinking to alert a warning.

CHARGING LTWI-BAT50 RECHARGEABLE BATTERY PACKS

1. Put LTWI-BAT50 rechargeable battery packs into the proper charging bays. As shown from the Figure 6, the two ports of (C) are dedicated stations for LTWI-BAT50 rechargeable battery.
2. Confirm that the amber sensing LED is off and the red charging LED is steady on by docking the battery.



[Figure 6: Put the LTWI-BAT50 Rechargeable Battery Pack in the charging bay (C)]

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