

**User Manual of
Lead Acid Smart Charger (2.5A) for 36V Lead Acid
Battery, 100V-240VAC**



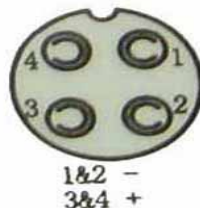
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Features:

- Intelligent charger designed for 36V Lead acid Battery with **capacity > 2.5Ah**
- Worldwide input AC power from 100-240VAC, 50-60Hz, USA AC plug
 - For international use, [please click here to order AC plug adaptor seperately](#)
- Built in cooling fan to ensure charger long service life
- Safety protection
 - Over Voltage protection
 - Short Circuit protection
 - Output reverse protection
- Charging Current
 - **2.5A standard charging rate**
- Output: Output: 43.8VDC
- Max Power output: 120W
- Approximate Charging time:
 - Approximate Charging time = (1.5 x Ah rate of the pack) / 6.0A charge current.
- Built in IC to cut off power automatically when battery is fully charge.
- LED indicator:
 - LED1 = Red = Power On, Remain on during the whole operation
 - LED2 = Red = Charging
 - LED2 = Green = Fully Charged
- **Note:**You must connect charger to AC power **before** connect to battery pack. Otherwise, the charger will NOT charge the pack and you will not get a RED LED indicate charging.
- Red LED show Battery charging and Green LED shows full.
- Charging terminal : 4 pin female cannon plug
 - Charging terminal: Pin #1,2 = negative, Pin#3,4 = positive
 - **Excluded 1 pc of 4 Pin male Cannon plug**
 - **Included 1 pc of Connector/Adaptor: From 4 Pin male Cannon plug to Clips**
 - Need to charge the pack with Standard Male Tamiya charging terminal?[Please click here to order the connector adaptor seperately.](#)
 - **Warning: Wrong polarity will damage the charger. Batteryspace is not responsible for the damage or losses caused by misusing**
- Included 2 pcs 10.0A replacement fuse
- Dimension (LxWxH): 155mm(")x 92mm(3.6")x52mm(2.0")
- Weight: 1.0 lbs 15.6Oz (900g)

Operation Instruction:

1. Connect the charger to AC outlet (**LED1 = Red = Power On, Remain on during the whole operation, and LED 2 = Green**)
2. Connect the DC output cord to battery terminals (**LED 2 will turn Red indicate charging, Red = V+, Black = V-**)
3. Charging terminal: Pin 1 & 2 = Negative, Pin 3 & 4 = Positive



Pin Assingment for charge terminal

4. When LED 2 turn green, battery is fully charged

Warning:

- Only charge SLA battery pack with **capacity > 2500 mAh**. Don't use the charger for lower capacity SLA battery pack.
- Only charge Lead acid battery pack with voltage 36V. Don't use the charger for Lower voltage battery pack which may cause battery to explode
- We are not responsible for any damage caused by misuse.
- Indoor use only
- Don't remove the case to prevent from electric shock
- Unplug the charge from AC outlet after use.

Picture:



Excluded the connector adaptor for charge the pack with Standard Male Tamiya charging terminal



Included the Connector Adaptor: From 4 Pin male Cannon plug to Clips



How to connect with excluded 4 pin male cannon plug



Built in with Cooling Fan